

IRMA TIMES

THE ALBERTA OIL GAZETTE

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Irma and Surrounding Districts May Supply World's Future Petroleum Needs is Belief

One of the Largest Proven Gas Fields on Continent Likely Also to Become the Largest Producer of Oil the World Has Seen.

Leading Financial Interests of England and America Control Vast Holdings

That the Central eastern parts of Alberta, including Birch Lake, Viking, Irma, Fabyan, Wainwright, Monitor and intervening districts are destined within the next few years to become the greatest oil producing area of the world has been known, is being predicted by many of the most reputable geologists and petroleum engineers of two continents.

Large Companies Marking Time
For years the largest oil companies in the world have had their best geologists and scouts inspecting the probable petroleum formations in Alberta, from the U. S. boundary to the Arctic circle. They have spent millions of dollars securing accurate information and data of the formations over a vast area which is considered suitable for the accumulation of petroleum in large bodies. On account of the heavy coating of glacial drift overlying the petroleum producing formations a lot of this information will remain a secret until it has been explored by the only true geologist, "the drill". From the logs of wells already drilled for gas and water, outcroppings in the cuts along the railway track in the Greater Coulees and the exposures in deep ravines in other parts of the area the geologists have been able to determine that the formation is such that the accumulation of the precious fluid should be well extended over a large area.

Wet Gas Good Indication of Oil Possibilities
With the finding of a very heavy volume of wet gas varying from five to twenty million feet per day in some fifteen wells that have been drilled in different parts of the field, prominent petroleum engineers who understand the oil development are convinced that this gas comes from a vast accumulation of oil in a lower part of the strata and that large wells will be brought in as soon as the drills penetrate the formations underlying the gas sands. In most of the wells drilled gas has been encountered at from 1770 to 2200 feet below the surface and in all but one or two cases drilling has ceased at these depths. Very little accurate information can be obtained as to the gasoline content of the gas but in all cases it has been admitted that it was a wet gas of very high gasoline content and recent reports from the B. P. well about fifteen miles east of Irma is given as over three gallons of gasoline per thousand cubic feet with a gas volume of six million cu. feet in 24 hours. Samples of this gas has been sent to several laboratories for testing, including the provincial laboratory at Edmonton and Vancouver and if this report is confirmed this will be one of the wettest gas found on the continent and will indicate that the gas is being produced from a large body of high grade oil at no great distance away.

Large Areas Being Secured by American and English Interests.
The large oil companies of the U. S. and British Isles through their various agents and subsidiaries have secured hundreds of thousands of acres of potential oil lands and leases which they are no doubt holding for a future date when oil is much scarcer and the price much higher than at present. The big companies are not interested in bringing in new fields while they can secure ample supplies to keep their refineries and pipe lines running to capacity, at prices that will assure them a good profit. Their great object is to pay dividends on stock for years to come and in order to assure this object, their geologist and scouts are always on the look-out for attractive areas which can be leased cheaply and under which oil may be found and stored for ten or

fifteen years from now when the present big fields have dribbled to a few hundred barrels per day.

Independents Will Force Hand
Fortunately for Alberta and the rest of Canada, these large companies have been unable to secure all the desirable acreage. As far back as 1914 before any of the large oil companies became really interested in the possibilities of Alberta oil, several independent companies and individuals who realized the future in store for Central Alberta had secured good holdings, but owing to conditions produced by the Great War and the financial condition of the West since, have been unable to develop their holdings. Several wells were started near Irma, but since then these wells and equipment in nearly all cases have been taken over by the Imperial Oil Co. or their agents. The Grattan Oil Co. with some twenty sections of good leases drilled two promising wells but before they were completed arrangements were made to turn all their holdings over to the big company on a royalty basis. The Alberta Associated Co. another company with several sections of promising leases in Township 45, Range 8 started drilling just north of Irma but after most of their crew enlisted shut down and in due time their rig was moved to Saskatchewan and it has recently been admitted that the Imperial have taken over their leases to be developed at some future time on a royalty basis. Others realizing the great possibilities in store for Alberta have held on to their leases and now that the opportune time appears to be here to develop them are arranging to have wells put down which will force development on adjoining acreage held by large companies. Should the companies who control the sale of refined oil in Canada not be prepared to handle the crude oil when it is produced, numerous small refineries will soon be established and the price for juice for the jitney will soon be on a par with that of our cousins south of the great tariff wall. Unlike most of the oil fields discovered in the United States it is not expected that a large boom will be developed as under the Canadian laws most of the oil rights are owned by the Dominion Government who grant leases over large areas, at a uniform rental, thus eliminating the necessity of numerous offset wells as when the field is badly cut up by many small leases. In the U. S. practically all the oil rights go with the land and the owner of the land grants leases to the drillers in various sized areas or often giving a drilling site in order to get development after which he leases the balance of his land to many different companies all of whom make a mad rush to get the oil from under it before the other fellow gets his well down. This rush of drilling forces the owners of adjoining land to have it drilled as soon as possible so as to get all the oil possible before the next man starts drilling thus the game goes on and in a short time the field is all drilled and wells begin to decline. In a field similar to the Irma field one well to five or ten acres should be ample for the most economical development. In the latest big oil fields in California, an interesting account of which is given in the Saturday Evening Post of July 7th, "that in one small area \$7,000,000.00 had been thrown away at Signal Hill by over drilling. Six hundred rigs were in operation or being built on a production area of 500 acres where with one well to five acres one hundred wells would have been sufficient to draw the oil from the five hundred acres.

Accessibility of the New Field
Unlike most of the oil fields that have been discovered in Texas and Oklahoma, and development rushed ahead before the country was opened up with railways and good roads, the new fields in Central Alberta are traversed by transcontinental railways and good roads have been built thus eliminating the hardships encountered in pioneering in the great oil fields in the southern states. Plenty of Good Water and Fuel Close at Hand

In many of the American fields water and fuel have been a big problem. In all parts of the above area an ample supply of good water can be secured on any location, either from the rivers and small lakes scattered over the area or by sinking a well on the drilling site. Natural gas is available from the wells that have been drilled but where this is too far to pipe coal can be secured at a very reasonable price.

Price of Oil Soon to Advance
Within the last two years several sensational and heavy producing fields have been brought in in Texas and California but owing to the heavy drilling on account of the frenzy of the different interests to get their oil on the market before the other fellow, an over production of crude oil has been produced with the resultant drop in price. With the rapid depletion of some of these fields, it is predicted that the price will soon advance and the refining companies who are now oversupplied will soon be looking for a new source of production. When this time comes Canada can look for the biggest influx of capital and immigration she has ever experienced. Instead of sending sixty millions of dollars out of the country in a year for petroleum products she will be exporting vast quantities of liquid gold.

Within a brief period the Province of Alberta, will assume new industrial expenses and expand to a process hardly anticipated by the most optimistic citizen.

PROMINENT OIL MAN

PASSES AWAY

Monday morning the lifeless body of Dr. H. L. McInnis was found in a row boat on Cooking Lake where the Dr. had been spending the summer as has been his custom for several years. The late Doctor had accompanied a friend across the lake from the island Sunday evening and left for home about ten o'clock. The boat containing the body had drifted into the reeds on the east side of the lake where it was found about ten o'clock Monday morning. As far as could be ascertained death was due to heart failure. The body was taken to Edmonton on the morning train and the funeral held Wednesday by the Masonic Order of which the Dr. had been an old member. Dr. McInnis was a pioneer of Edmonton and well known to many in the Irma district, he having been Secretary-Treasurer for the Grattan Oil Co. since its organization in 1914. It was partly through his efforts that arrangements were made with the Imperial Oil Co. to develop the holdings of the Grattan Oil Co. on which the Fabyan well and the one they are now drilling is located.

NOTICE

The Irma Ladies Aid Society will serve lunches during the Chautauqua in the old pool room building. Don't go home to eat when you can get a nice lunch in town. Lunches will be served at a nominal cost between the afternoon and evening programs during each day the Chautauqua is on.

NOTICE

On account of the increase on our subscription list we cannot continue sending The Times to subscribers in arrears. If you want to keep in touch with all the developments in Alberta Leading Oil Fields see that your subscription is paid in advance.

Four Joyous Days at Irma next week commencing Tuesday, July 24. Sure, its Chautauqua.

OIL CREWS BUSY IN IRMA FIELD

Location For New Well Reported South of B. P. No. One.

The crew at the Imperial Oil Co's well on the Battle River appear to be working steadily although we understand they have encountered considerable gravel and hard stone which has resulted in slowing up the progress of the big rotary drill. No report is obtainable as to the depth of the drill but it is generally understood from those that have visited the well that good progress is being made and no delays have happened since they started drilling.

B. P. READY TO SPUD IN

The last report we had from the British Petroleum well No. 2 was that the machinery had been moved and placed in its proper position and that the crew expected to make a start on drilling the new well about the middle of the week but up to going to press we have had no definite word that they have started drilling.

GENERAL OIL DEVELOPMENT

Co. SELECT LOCATION

The Times has been advised that the General Oil Development Co. are arranging for a combination rotary and standard drill to be installed on the North-east of Section 25, Tp. 45, Range 7, a short distance south of the B. P. well No. 1 in which a heavy flow of very wet gas was encountered some time ago. This Company we understand is incorporated for \$5,000,000.00 by Vancouver and Edmonton oil men who own drilling rights on some 800 acres in Townships 45, Ranges 6 and 7. Up to date nothing has been moved on the new location and little information has been given as to the personnel of the company but our informant advises us that they intend to start drilling in the very near future and that we can look for something definite from them in a very short time.

LOCAL COMPANY BUSY

WITH DERRICK

The Irma Oil Development Co. have started work on the derrick for their well at Irma and as soon as the derrick is completed the machinery which is on the ground will be assembled and put in its proper place. Since the machinery was placed on their lease some two weeks ago the directors have arranged for drilling privileges on a number of choice leases in different parts of the field amounting to around 1,000 acres. The addition of these leases will bring their present holdings up to over two thousand acres scattered over six townships east and west of Irma. Other leases are being considered some of which will no doubt be selected as soon as they can be inspected. The Company has received several letters from parties wishing to sell leases for cash but as all their holdings are taken on a 1.5th royalty basis without any cash bonus these offers have necessarily been declined. In securing acreage in this way they can consider that the owner of the lease will receive a better deal as if oil is found on his land he will be assured of a steady income and if oil is not found on any their leases the Company will not have spent money for leases that might have been used for drilling.

IRMA NOTICE

The unveiling of the Memorial Pulpit will take place next Sunday, July 22nd, in the Irma Church at 3.30 p.m. There will be no service at Sunny Brae and Alma Mater next Sunday.

Mr. F. Peterson left Tuesday morning for Edmonton to arrange for the selection of some grasses for the Government exhibit which they expect to send to England next year.

Mr. J. G. Clark has been attending the Provincial Cattle Breeders Association at Edmonton and assisting with the judging at the Edmonton Fair this week.

Have you bought your ticket for the Irma Chautauqua next week, starting Tuesday?

FOR RENT—A good four or five room house.—Apply H. W. Love, Irma

Construction Work on Pipe Line to Edmonton Now Well Under Way

The Hum of Ditching Machines and Activity of Large Crews of Men, Marks the Work of Constructing Pipe Line.

(From The Viking News)

Ever since the ditchers started work on turning the sod for the gas mains on Monday, July 9th, our village has been the scene of intense activity. About three miles of mains have been dug. This is a fine record, as the majority of the crews were not experienced in the work, but with capable foremen they have come right along. The main ditches in the village are practically completed, and men are now busy installing the service mains to the private dwellings and business houses. This will in all probability be practically completed this week, all except installing the meters.

Applying For Gas Service

Mr. A. Bassett, representing the gas company, has been in town the past few days, securing contracts from the citizens for gas service. This task has been a very pleasant one, he says, the citizens signing up with pleasure. He states there will be a 100 per cent showing as everybody is taking the service.

Care In Construction

Mr. John Griffith, gas field manager, is to be complimented on the way he has attended to the safety of the citizens in regard to the open ditches. At every crossing and sidewalk he has had red lanterns hung out, also constructing temporary crossings whenever needed, and in every way facilitating the regular flow of traffic. Very little inconvenience has been the result, when the great amount of open ditching about town is considered.

Work On Main Line

About three miles of the main line to Edmonton has been turned. This line begins about four miles north of town near Mt. Carmel church and is proceeding west. The ditcher that is at work in town will be used on the main line when the town mains are finished. Pipes for the main line are also being hauled out every day, and it is readily to be seen that the work is being pushed as rapidly as possible. The Big Backeye Ditcher are the busy boys. One crew starts at 3 a.m. and continues until noon. Then another crew comes on and works until 9 p.m. The pipe men follow up and lay the pipe mains as fast as they are unloaded. All along the route there is the hum of activity and busy is the watchword.

Mr. Milner Here Saturday

Mr. Milner, of the law firm, solicitors for the company was a visitor in town on Saturday, also Mr. E. G. Hill, general manager of the company. A number of other officials also reviewed operations.

The greatest difficulty at the present time, according to Mr. Hill, is to secure competent pipe line men. Up to the date the company have only been able to secure a small number of really competent men with experience in this line of work. Applications have been received from a large number of plumbers, but these men Mr. Hill states, are absolutely helpless when they start handling twelve inch pipe.

More Drilling.

Drilling operations on No. 10 well started some days ago and is progressing favorably. Work of cleaning out No. 1 well has also started.

Small Towns Will Have Gas

Residing in Viking, Bruce, Holden, Ryley, and Tofield are all going to have advantage of burning Viking gas. These towns are closing contracts with the company for gas service similar to the Village of Viking contract. Viking will no doubt have the gas first. These other towns may have to wait awhile as the purpose of the company is to get the gas to Edmonton by October 1st, and are leaving nothing undone to accomplish this. Large crews are busy in Edmonton installing services so that this work will be done by the time the gas mains reach the city. Citizens in Edmonton who have been accustomed to using gas are the first ones to sign for the service.

Local Labor Employed

With the exception of a very few experienced gas men from the States,

all contracts and labor for the construction of the main line and service lines in Edmonton, have been let and is being done by local labor. This refutes any arguments that may be advanced by any one saying that large gangs of men are being brought in to do the work. The company points out that they are preparing to give service to local people, and any benefit derived from the construction of the lines, they want local people to have, as far as possible. The financial agents, Messrs. Ford, Bacon & Davis, of New York, also concur in this policy.

Oodles of Gas

There are now nine producing wells in the Viking field and drilling operations are now under way on another well which is partly put down. These ten wells will produce more than sufficient gas to meet all requirements for some years, but to ensure the public against any shortage at any time two new wells will be put down every year.

The construction of the entire plant, including transmission lines and distribution is in charge of men who have assisted in the construction of some of the largest gas plants in America.

The entire plant will be constructed along lines which have been proven by years of experience to give the best service to the public.

Advantages of Gas

The gas at the Viking field is of a very pure form, and this with the fact that the plant will be modern in every respect assures the public of a Natural Gas Service which is second to none. The entire organization which will direct all operations of the gas company is made up of experienced men who have gained their experience in some of the biggest gas companies on the continent.

Nature's Cleanest Fuel

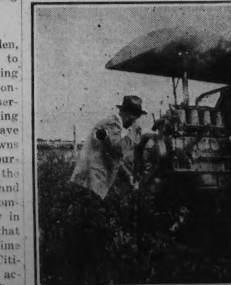
Natural gas burns with a clean flame, leaving no dirt or sediment of any kind. This fact alone means much to the housewife inasmuch as the carpets, curtains and walls are not continually collecting layers of dust from the heat registers which is the case when other natural fuels are used. The necessity of dusting every piece of furniture in the house daily is eliminated when gas is used in the home, saving hours of work for the housewife.

There is no fuel to carry to keep the cook stoves going and no ashes to clean out. The drudgery of stoking the furnace in the winter months is entirely eliminated. The cook stove is always bright and clean.

The coal bin and the piles of kindling wood in the basement which are unsightly at the best and take up valuable space are unnecessary when gas is used. Gas eliminates the necessity of laying in a supply of fuel in advance, as it is always on hand at the turn of the tap.

CHURCH NOTICE

The unveiling of the memorial pulpit in the Irma Church will take place on Sunday afternoon July 22nd, at 3.30 P.M. instead of at night as formerly announced.



W. L. Campbell, Mayor of Viking, caught in the act of turning the first sod for the Viking-Edmonton Pipe Line.

WHEN YOUR THROAT IS SORE

It may be only a slight cold now—just a tickling in the throat. But little colds soon grow large and dangerous. Often they become chronic, develop catarrh and end in consumption. Catarrh is the remedy. It draws inflammation and soreness out of the throat. Relieves the cough, cuts out the phlegm, makes breathing easy, kills any germs lodged in the mucous lining of the throat or lungs.

By using CATARRHOZONE INHALER now and again you keep the passages free from germs, and prevent present coughs and colds. Get the Inhaler only. It lasts two months; small size, 50c; sold by druggists. Refuse a substitute for Catarrhazine. Mail from The Catarrhazine Co., Montreal.

HIDDEN GOLD

—BY—
WILDER ANTHONY

Canadian Rights Arranged With Publishers, F. O. 266 King St. West, Toronto.

(Continued)

"I'll tell you what I'll do, Moran," he said, finally. "Give me a hand out of this hole or come down here yourself. Throw aside your gun, but keep your knife. I'll allow you that advantage. Meet me in the middle of the camp. You're a man. Anything that you can gain by my signature, you can gain by my death. Get the best of me, if you can, in a man's fight. Pah!" He spat contemptuously. "You're a coward, Moran, a white-livered coward! You don't dare die with me on anything like equal terms. I'll get out of here somehow, and when I do—by Heaven, I'll corner you, and I'll make you fight."

"Get out? How?" Moran laughed at the idea to scorn. "Your friends can look for you from now till next fall. They'll never find even your bones. Rot there, if you choose. Why should I take a chance to die when I've got you where I want you? You ought to die. You know too much."

"Yes," Wade retorted grimly. "I know too much. I know enough to hang you, you murderer. Who killed Oscar Jensen?" "You did it, you did it, or you had it done, and then you tried to put it on Sandy and me, and I'm not the one to be hanged. If this country's too small to hold you, Moran, your fate is settled already, whatever may happen to me."

"Still, I seem to be holding four aces now," Moran grinned back at him. "And the cards are stacked."

"Left alone, you can't light a cigarette from his scant hoard of tobacco. Already he was hungry, for deep shadows in his prison marked the approach of night and he had the appetite of a healthy man. The knowledge that he was to be denied food made him feel the hunger, and he resolved to put the thought of eating out of his mind. The water, trickling down the face of the rock, was a God-send, though, and he drank frequently from the little stream."

By habit a heavy smoker, he viewed with dismay the tobacco which he had already made on his store of tobacco for that deprivation he felt would be the most cruel of all he could suffer. He tried to take shorter puffs upon his cigarette, and between them shielded the fire with his hand, so that the air-draughts in the fissure might not cheat him of any of the smoke. He figured that he had scarcely enough tobacco left for a dozen cigarettes, which was less than his usual daily allowance.

On searching his pockets, in the hope of finding a second sack of Dur-

ham, he chanced upon his clasp-knife, and viewed the find with joy. The thought of using it as a weapon did not impress him, for his captors would keep out of reach of such a toy, but he concluded that it might possibly use it to carve some sort of foothold in the rock. The idea of cutting the granite was out of the question, but there might be strata of softer stone which he could dig into. It was a proved futility. At his first effort the knife's single blade snapped off short, and he threw the useless handle away. Darkness fell some time before the cool night air penetrated the fissure; when it did so the cold seemed like to be added to his other physical discomforts. In the higher altitudes the nights were distinctly chilly even in mid-summer, and he had on only a light woolen shirt above his waist. As the hour grew late, the cold increased in severity until Wade was forced to walk up and down his narrow prison in the effort to keep warm. He had just turned to retrace his steps, on one such occasion, when his ears caught the soft rustle of a foot fall on the ground above. He instantly became motionless and tensely alert, wondering which of his enemies was so stealthily returning, and for what reason.

He thought it not unlikely that Moran had altered his purpose and come back to shoot him while he slept. Brave though he was, the idea of being shot down in such a manner made his flesh crawl. Stooping, he picked up a fragment of rock; although he realized the futility of the weapon, it was all he had. Certainly, whoever approached was moving with the utmost stealth, which argued an attack of some kind. Drawing back the hand that held the stone, the cattle-man shrank into a corner of the fissure and waited. Against the starlit sky, he had an excellent view of the opening above him, and possibly by a lucky throw the stone would serve against one assailant, at least.

The pat-pat drew nearer and stopped, at last, on the extreme edge of the hole. Drawing back the hand that held the stone, the cattle-man shrank into a corner of the fissure and waited. Against the starlit sky, he had an excellent view of the opening above him, and possibly by a lucky throw the stone would serve against one assailant, at least.

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He picked up his broken pocket-knife, and when this happened, the shivered blade would be of little use, but it might prove better than his bare hands if he had to defend himself against the brute's teeth and claws.

CHAPTER XVII.

A War of Wits

"Kidnaped? Gordon Wade?" At Dorothy's announcement, Mrs. Purnell sank into a heap, into her rocking-chair, astonished beyond expression. She listened, with anxiety, to her daughter's account of the girl's account of the event as she had it from Trowbridge. Her mouth opened and shut aimlessly as she picked up her singular apron. If Wade had been her own son, she could hardly have loved him more. He had been a tender, kind and good boy, and the news of his disappearance and probable injury was a frightful shock.

Weakly she attempted to relieve her own anxiety by disputing the fact of his danger.

"Oh, I guess nothing's happened to him—nothing like that, anyway. He may have had a fall from his horse. Or maybe it broke away from him and ran off."

"Bill Santry found their trail," Dorothy said, with a gesture so tragic that it wrung her mother's heart. "He said that he saw the tracks, but he couldn't find them. In any other case she would have tried to keep the bad news from her mother, because of too distraught to think of any one but the man she loved. "Oh, if I could only do something useful," she burst out. "It's staying here, helpless, that is killing me. I wish I'd gone with him up into the hills. I would have had him. I didn't say I might better stay in town. But how can I help? There's nothing to do here."

"The idea!" Mrs. Purnell exclaimed. "They'll be out all night. How could you have gone with them? I don't believe Gordon has been kidnapped at all. It's a false alarm, I tell you. Who could have done such a thing?"

"Who?" The question broke Dorothy's patience. "Who's done everything that's abominable and contemptible in this wretched world? Wade? That Moran did it, of course, with Senator Rexhill behind him. Oh!"

"Nonsense!" said her mother, indignantly.

"Lem Trowbridge thinks so. Nearly everybody does."

"Then he isn't as good sense as I thought he had." Mrs. Purnell arose and moved toward the kitchen. "You come on and help me make some waffles for supper. Perhaps that will take such foolishness out of your head. The idea of a Senator of the United States going about kidnapping people!"

Dorothy obeyed her mother's wish, but not very ably. Her face was flushed and her eyes hot, ordinarily she was a splendid housekeeper and a

Undernourished?

The natural food for babies when mother's milk fails is

Borden's EAGLE BRAND
CONDENSED MILK

dutiful daughter, but there are limits to human endurance. She mixed the butter so clumsily and with such profuse waste that her mother had to stop her and she was obliged to put salt into the sugar bowl when Mrs. Purnell snatched it out of her hands. "Go into the dining-room and sit down, Dorothy," she exclaimed. "You're beside yourself. It is frequently the way with people who are getting on in years and are sick, to charge their own shortcomings on any one who may be near. Mrs. Purnell was greatly worried."

"What's the matter now?" she demanded, when Dorothy left her supper untasted on her plate. "I was thinking."

"Well, can't you tell a body what you're thinking about? What are you sitting there that way for?" "I was wondering," said Dorothy in despair. "If Helen Rexhill knows where Gordon is."

"Land's sakes, child, what put that into your head?—Drink your tea! It'll do you good."

"Why shouldn't she know, if her father does?" The girl pushed her tea-cup farther away from her. "She wouldn't have known anything of him when his—his—wouldn't have brought her with him? They weren't working together. She must know. But I don't see why."

"Dorothy Purnell, I declare to goodness, I believe you're going crazy," Mrs. Purnell dropped her fork and said this about Gordon is bad enough without my being worried so."

"I'd even give him up to her, if she'd tell me that," Dorothy's voice was unsteady, and she seemed to be talking to herself rather than to her mother. "I know she would. She'd come between her and Gordon, but I haven't meant to. He's just seemed to like me better; that's all. But I'd do anything to save him from Moran."

"I should say that you might better wait until he comes up to you, before giving him up to somebody," Mrs. Purnell spoke with the princess that was to be expected, but her daughter made no reply. She had never mentioned the night in Moran's office, and she had no knowledge of Wade's kiss. But to the girl it had meant more than any declaration in words. She had kept her lips inviolate until the morning, and when his kiss had fallen upon them it had fallen upon virgin soil, from out of which had sprung a flower of love and passion. Before then she had looked upon Wade as a warm friend, but since that night he had appeared to her in another guise: that of a lover, who has come into his own. She had met him then, a girl, and had left him a woman, and she felt that what he had established as a fact in the one rare moment of his kiss, belonged to him and her. It seemed so wholly theirs that she had not been able to bring herself to discuss it with her mother. She had told it fairly, and she treasured it. The thought of giving him up to Helen Rexhill, of promising her never to see Wade again, was overwhelming, and was to be considered only as a last resource, but there was no suffering that she would not undertake for his sake.

(To be continued)

Teaching Animals to Perform

Horses are Cleverer Than Dogs, Says One Who Knows

A dog can be taught all sorts of tricks. It is an imitative animal, and the siller the trick the more it seems to enjoy them. But a horse has dignity. It can generally only be taught feats in which some brainwork is needed. A horse is, indeed, wiser than most people imagine. The reason why it is so often thought stupid is because it has had the wisdom to conceal its real knowledge from man, writes Hon. Gilbert Coleridge in "Pan's People".

Mules, bullocks and such animals who understand more than one who gets in their way, or will stop on any unfortunate lying in their path. But a horse will run up the situation in its mind and take the best possible course to prevent an accident. Dignity is the mark of the horse. If you leer and laugh at a horse in a loose box, it will become irritable almost at once, and will eventually kick out in all directions. Horses love freedom, and will often exercise much forethought and skill in endeavoring to open the gate of a field in order to secure greater liberty.

Auto Suppliers Camel

The United States consul at Aden, Arabia, states in a dispatch that the automobile has supplanted the camel as a mail and passenger carrier between Djibouti and Zella over the hot sands of the desert. A light car, he affirms, can make the trip in four hours, whereas it takes a camel caravan a whole day.

Questions and Answers For the Outdoors Man

Protection of Trees of Vital Importance to Every Canadian

Q.—Is there any company in Canada planting a tree for every one they cut down?

A.—No, for the reason that no conceivable amount of tree planting can keep pace with the destruction of trees caused by campers and smokers. One unextinguished camp fire may easily destroy, in a day, more young trees than a corporation or government could plant in a month. Until the forest fire menace is conquered Canada will not see wholesale reforestation by the planting process. The risk is too great.

Q.—How many aeroplanes are being used in Canada this season?

A.—About twenty-five, most of them for forest survey, aerial photography, and scouting for fires.

Q.—What are the common causes of forest fires?

A.—Unextinguished camp and cooking fires, lighted cigarettes and matches. The woods are destroyed usually by the people who need them most, the lumberman, the camper, and other pleasure seekers.

Latest Photographic Experiment

California Man Claims to Have Obtained Photographs of Thoughts

Vincent Jones, Vice-President of the California Psychical Research Society, announced that he had been successful in obtaining actual photographs of his thoughts. He exhibited what he said was a thought photograph of a cross, secured by using an ordinary photographic plate, which was wrapped in an opaque black paper, sealed in an envelope and suspended twelve inches before the eyes of the experimenter, who then concentrated on a

cross for ten minutes.

Mr. Jones stated that another way of obtaining thought pictures was for a person to hold strips of film against their foreheads for about fifteen minutes while they concentrated on the thing they wanted to photograph.

Horses From King George

High Bred Horses, Sheep and Cattle For Prince of Wales Ranch

Prof. W. L. Carlyle, manager of the Prince of Wales ranch at High River, has recently returned from a trip to the Old Country, and has brought with him some high bred horses, cattle and sheep with which to stock the Prince's ranch. Included in the first shipment, is Will Somers, of the stables of King George, one of the best known race horses and most consistent winners on British race tracks of recent years.

Prof. Carlyle speaks encouragingly of the British market for Canadian stock cattle, and advises Canadian breeders and ranchers to pay more attention to what the British market requirements call for.

Kitchen Range As Incubator

Something new in electric range uses was discovered by a Stratford lady who had 13 eggs under a clucker. When the chicks began picking the shell she conceived the idea of taking them away from the hen and placing them in the warming department of the electric range. She fixed up a hat box, lined with flannel, and placed the whole thing in the compartment, keeping the temperature at 90 degrees. The complete setting of 13 chicks lived through the experience.

Growth of Canada

That Canada was gradually becoming more and more of an industrial country, and that Canadians themselves were not truly aware of the fact was the opinion expressed before the Winnipeg Rotary Club by Prof. R. C. Wallace, of the University of Manitoba. He stated that during the past 25 years the population of Canada had increased 80 per cent, the railway mileage 120 per cent, while the industrial life of the country increased 700 per cent.

Divorce has its casualties as great as any war. No fewer than 80,000 children were made orphans last year by United States divorce courts.

There are only 25 men in England, who own over 100,000 acres of land.

Here's How ~

to get more enjoyment in the great outdoors



On picnics and automobile tours—and whenever you go out to enjoy the sunshine and fresh air of the great outdoors.

Buy it by the case from your dealer. Keep a few bottles on ice at home.

Take along Bottled

Coca-Cola

Delicious and Refreshing

THE COCA-COLA COMPANY
Toronto, Montreal, Winnipeg, Vancouver

Policeman Returns to Bricklaying

Says Work Pays Better and is More Interesting

The Jersey City policeman who has resigned his job to go back to bricklaying is in tune with the times. Laying bricks, he truthfully remarks, is twice as profitable as patrolling a beat and about half as boring. Why, indeed, should a policeman leave a police force at \$2,000 a year when he can make \$4,000 as a mason? A generalization about these men: about 50,000 policemen in the United States and the brick and stone masons numbered 150,000. Now there are about 25,000 policemen and only 134,000 brick and stone masons. Since 1890 the ranks of the police have gained 33,000 and the ranks of the masons have lost 25,000. It is not so very easy to get good policemen, but it is much harder to get bricklayers.—New York Herald.

Elevators At Head Of Lakes

Total Capacity at Port Arthur and Fort William Will Reach Sixty-Five Million Bushels this Year.

The total elevator capacity of Port Arthur and Fort William will reach 65,000,000 bushels by September, this year, according to the chief statistician of the Port Arthur Chamber of Commerce. In 1900 the total storage capacity of the two ports was only 5,700,000 bushels, of which Port Arthur controlled only five per cent. By the close of 1924 the elevator capacity is expected to reach seventy millions.

The boy who once wished his dad had a candy store now has a son who wishes his dad had a filling station.

Look to Your Eyes

Beautiful Eyes, like fine teeth, are the result of constant care. The daily use of Murine makes eyes clear and radiant. Endorsed by the leading eye specialists. Recommended by All Druggists.

MURINE for your EYES

Newspaper men work so hard making others famous that they seldom have time to copy any fame for themselves.—Washington Post.

Always have Mustard on the Table

It's not just custom that makes people take mustard with their meals. Mustard aids digestion and helps to assimilate the meats. It is a good habit to acquire. Mix it freshly for every meal.

but it must be Keen's

7 reasons why you should demand them

1. Different and better
2. Stronger and safer
3. Contains no poison
4. Hats won't glow them
5. Withstands moisture
6. Will not glow after use
7. Canadian made for Canadians

Well worth 15¢ a box

MAPLE LEAF MATCHES

Different and better MATCHES

THE CANADIAN MATCH CO. LIMITED, MONTREAL

Always have Mustard on the Table

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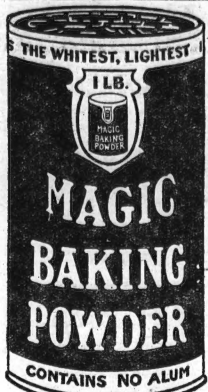
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WORLD HAPPENINGS BRIEFLY TOLD

Prince Edward Island provincial elections will be held on July 26, according to a recent announcement.

The Marquis de MacMahon, prominent in the Franco-American Society and also an ardent Royalist, died recently in Paris. He was born in 1860. British subsidized airplanes carried 11,450 passengers last year. Not one person was killed, and only one was injured.

Mr. Justice Donald MacLean, of Saskatchewan, and Mayor Howard McConnell, of Saskatoon, were elected to two vacancies on the University of Saskatchewan senate.

The shipment of cattle purchased in behalf of His Majesty the King, were gathered from Canadian experimental farms from as far west as Lethbridge, Alberta, and as far east as Kentville, Nova Scotia.

Twenty-one women students passed the recent examinations for the British bar. Five of them passed their final examinations, thus bringing the total number of women now qualified as barristers up to 27.

The Zantoff Government in Bulgaria has issued a manifesto in which it "solemnly declares it is ready to execute loyally the Versailles Treaty stipulations with respect to the dignity of the great powers."

Lyons Restaurant, the biggest in the world, which is located in Piccadilly, London, has been opened. Although two of its five floors were closed, 2,500 persons were served simultaneously and 39,000 were served throughout the day.

Eight captives, the last of the foreigners kidnapped by Chinese bandits who held up the Shanghai-Peking express near Suehow, May 6, and held at the Paotzu mountain headquarters of the outlaws since that time, were released June 12.

It was announced at the annual meeting of the Royal Mail Packet Company that it is proposed to extend and strengthen the tri-weekly service between England and Vancouver, via the Panama Canal. The company's policy will be to speed and develop all inter-empire traffic in preference to foreign routes.

Minard's Liniment Relieves Neuralgia

Saskatchewan Corn Show
The formation of the Saskatchewan Corn Growers' Association has excited a good deal of interest, and a very substantial list of prizes has been offered for the first provincial corn show at Maple Creek next November.

The word "longshoreman," a man who loads and unloads boats, is derived from the original "along shore-man."

RED PIMPLES ON FACE 3 YEARS

Itched and Burned. Lost Sleep. Cuticura Heals.

"My face was affected with pimples for about three years. They were hard and red, and festered and scaled over. The pimples itched and burned causing me to scratch and irritate them, and I lost many a night's sleep on account of the irritation."

"I read an advertisement for Cuticura Soap and Ointment and sent for a free sample which helped me so I purchased more, and after using four cakes of Soap with the Ointment, I was healed." (Signed) Miss Martha Theusch, R. 2, Box 45, Vining, Minn.

Give Cuticura Soap, Ointment and Talcum the care of your skin. Sample each free by Mail. Address: "Cuticura Dept., P.O. Box 100, Portland, Me." Send 10c for Cuticura Soap and Ointment.

W. N. U. 1477

Crop Prospects Never Better

All indications point to a bumper crop this year.

Prospects for even a bigger crop in Western Canada than the bumper one last year were never better so far. Recent rains have saturated every foot of the prairie provinces and no area is without an ample supply of moisture. Warm weather since the rains falls have sent vegetation ahead with a jump. For miles on end, as far as the eye can reach, the wheat fields form an unending carpet of green, while in the cities and towns trees by the roadways show a riot of growth; on lawns lilacs are in bloom, and in backyards fruit and vegetables are flourishing. Several prominent farmers who never yield to undue optimism, and who have known Western Canada intimately for twenty years, express the general opinion in saying that prospects, from a crop standpoint, were never better at this season on the prairies.

On the Marriage Day

Romance usually ceases, and history begins, and sore corns begin to go when "Putnam's" is applied. It takes out corns, roots, blisters, silens—no trace of a single corn left after Putnam's Painless Corn Extractor has done its work. 25c at all dealers. Refuse a substitute.

Schoolboy Found Rarest Stamp

The rarest stamp in the world, the British Guiana one cent of 1856, was found by a school boy in British Guiana. There was no space for it in the boys album, and he sold it for 6s. It afterwards came to Scotland, and was bought by the late Philip Von Ferrari. Last year it was sold to Arthur Hind, of Ulster, for £3,12—a record price.

LOW SPIRITED AND DEPRESSED

A Condition Due to Poor Blood and Weak Nerves

Nearly all women and most men suffer at times from fits of depression and low spirits, from which they are unable to free themselves. They cannot attend to their duties satisfactorily and are unable to get any pleasure out of life. Weak nerves in this way soon lose their energy of mind and body. They lack vitality, become nervous, and their nerves are starved in consequence. The only way to obtain new health is by using Dr. Williams' Pink Pills. The new rich blood made by these pills will carry renewed health and energy to every part of the body. Your appetite will improve, your spirits brighten, and you will be endowed with fresh energy and find a new joy in living. Mrs. G. Reid, Napanee, Ont., tells of the benefit she found through the use of Dr. Williams' Pink Pills. She says: "I have used Dr. Williams' Pink Pills on different occasions and cannot praise them enough. I was growing nervous, my complexion was becoming sallow and my eyes dull and listless. My vitality was poor and I did not sleep well. I became despondent, losing interest in my work, which seemed to tire me so easily. I began using Dr. Williams' Pink Pills and after taking six boxes I began to enjoy life again and looked much brighter and felt happier. My appetite improved, I gained in weight and could sleep without any nervous wakefulness during the night. I also used these pills while nursing my baby and found them a wonderful help both for myself and for making my baby better natured. For these reasons I gladly recommend them to anyone who needs a tonic for the rebuilding of strength and energy."

You can get these Pills from any medicine dealer or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

To keep milk fresh in warm weather, stand the jug in a kettle of cold water on the stove. When the water boils, the milk is scalded and should be set away in a cool place.

Minard's Liniment for Distemper

A Commendable Habit

Pays to Have Time Schedule and Observe It

The habit of poise for the day, the calm application of the mind to study, the sense of being in control, the freedom from fears of failure and defeat, the opportunity for reflection, the incentive to visualization, the thoughtfulness and sympathy for others—these are additional virtues likely to reward those children who are taught to be regular and punctual in beginning the day's work. Probably no other mechanical factor in a child's life is quite so important as this commendable habit of being on time and having a time schedule for every routine duty. It gives one early a sense of ease and self-mastery, and tends to make all common work a pleasure.

Fits in Well Now

Long before the automobile it was written that "the present man looketh well to his going."—Toledo Blade.

Milk will remove stains from cloth if it is applied immediately.



An Up-to-the-Minute Suit



Very charming in its novelty is this three-piece suit of sand colored cotton crepe, box pleated. The smartly cut box coat is of palsey with a palsey fringed scarf to match.

Sores Heal Quickly.—Have you a persistent sore that refuses to heal? Then, try Dr. Thomas' Electric Oil in the dressing. It will stop itching, carry away the proud flesh, draw out the pus and prepare a clean way for the new skin. It is a recognized healer among oils and numbers of people can certify that it healed where properly applied.

Securing Domestic Help from Overseas

The Canadian Pacific Railway has added to its London, England, offices, a Woman's Department, where applicants for home-fide domestics are received and investigated by a travelling woman inspector, with long experience in selecting domestic help, who looks into references and requirements on both sides. Accepted applicants are being sent to Canada, from time to time, in personally conducted parties.

For Sprains and Bruises.—There is nothing better for sprains and contusions than Dr. Thomas' Electric Oil. It will reduce the swelling that follows a sprain, will cool the inflamed flesh and draw the pain. It will take the ache out of a bruise by concentrating the inflammation. A trial will convince any who doubt its power.

Any article of clothing soiled with paint should be rubbed immediately with spirits of turpentine. A second application may be necessary after the first has dried.

CATARRRH

Catarrrh is a local disease greatly influenced by constitutional conditions. HALL'S CATARRH MEDICINE is a Tonic, taken internally, and acts through the blood upon the mucous surfaces of the system. HALL'S CATARRH MEDICINE assists Nature in restoring normal conditions. All Druggists. Circulars free. E. J. Cheney & Co., Toledo, Ohio.

To prevent cakes from sticking, grease the tins with lard—not butter—and sprinkle lightly with flour. Also remember, coarse sugar is one of the causes of heavy cakes.

Many people are almost crippled with corns. But it is needless suffering which can be speedily ended with Holloway's Corn Remover.

Two of the best germ hunters in the employ of Uncle Sam are women—Miss Ida C. Bengtson and Miss Alice C. Evans, are engaged in research work in the hygienic laboratory of the United States health service.

HORSEMEN!

Minard's should be, in every stable. Quickly heals Cuts and Bruises and removes Swellings.



Pocket Gramophones

Can Carry Your Music Around in Your Vest Pocket

The first timepieces were huge. Now they go on your wrist. The same thing has happened to gramophones. A Hungarian mechanic has invented a gramophone no larger than a watch, and his slogan is, "Carry your orchestra in your vest pocket." The invention is described as a practical instrument, capable of producing jazz, waltzes, and one-step. "The Miklaphones," as it has been christened, winds like a watch, and has a speed regulator. There is room inside for ten plates, giving a repertoire of twelve selections. In the other vest pocket one can carry enough music for an all-night session. By placing the instrument on a champagne glass the sound is amplified sufficiently for an ordinary-sized ballroom.

Calgary Stampede

Replica of Old Time H.B. Fort Will Be Shown

A replica of an old-time Hudson's Bay fort, such as once was the nucleus of the western posts of the great company, and which still exist in the far north, will be erected at the Calgary Exhibition Grounds, July 9 to 14, as a part of the big stampede feature. Special arrangements are also being made to provide a commodious camping ground for the Old Timers, who will attend with the old-fashioned chuck wagons and cowboy equipment.

Listless, Tired Women Quickly Restored

Headaches and Depression Pass Away When System is Regulated

Must Overcome Constipation

No other remedy acts as quickly on tired women as Dr. Hamilton's Pills. They regulate and tone the system, appetite sharpens up, headaches disappear, strength and buoyant spirits return. To feel good, to be your own self again, use Dr. Hamilton's Pills frequently. 25c at all dealers.

Demand For Western Wheat

Wheat grown in Western Canada has for several years been in demand from all parts of the United States and the Old World. That the reputation of this high grade wheat is increasing is evident from the fact that a Winnipeg seed company recently received an order for 200,000 bushels of seed wheat from the Argentine Republic.

Miller's "Worm" Powders are complete in themselves. They not only drive worms from the system, but repair the damage that worms cause and so invigorate the constitution that it speedily recovers from the disorders of the digestion. As the result of the work of these parasite invaders. They do their work thoroughly and strength and soundness follow their use.

CIRCLE TOURS OF UNRIVALED SPLENDOR

ENDLESS SCENIC PANORAMA AWAITING TOURISTS OVER C.P.R. LINES

Picture the quiet beauty of England's Lake and the grandeur of the Adirondacks and the towering splendor of Swiss mountains and you will be able to form some idea of the endless scenic panoramas which await the vacationists taking THE CIRCLE TOURS OF THE CANADIAN PACIFIC.

These delightful tours may be made through Calgary, entering the Rockies at the Gap, through beautiful Banff, lovely Lake Louise and Glacier, leaving the main line for a cruise down the Arrow Lakes, Kootenay Lake and back via The Crow's Nest Line. The second tour takes in the same resorts, but extends further through Sicamous and down the picturesque Okanagan Lake to Penticton, returning through the Crow's Nest Line. Both tours apply in the reverse direction if desired.

These wonderful tours are moderately priced, and offer (as well as a princely feast of scenic beauty of mountain, lake and woodland) unrivalled comfort of travel. From the moment of starting until the hour of returning, the vacationist is assured of a holiday long to be remembered, for the comprehensive nature of the holiday entertainment and the de luxe travelling arrangements which enable the fullest possible enjoyment to be had from start to finish.

Excursion fares for these tours are on sale daily to September 30th, allowing stopovers at any of the delightful resorts. The return limit is October 31st.

One day a teacher asked her class if any of them knew what a skeleton was.

For a while the class was stumped. Finally one youngster stated triumphantly:

"A skeleton is a man without any meat on him."

SMOKE OGDEN'S CUT PLUG

15¢ per packet
80¢ a 1/2 lb tin



If you roll your own, ask for OGDEN'S FINE CUT (your label)

Inter-Provincial Telephone Service

Link Prairie Provinces into a Complete Telephone Unit

Direct telephonic communication between Manitoba and Alberta through Saskatchewan will be established in the course of the next few weeks. It was announced at the close of a two-day conference between telephone officials of the prairie provinces held in Regina.

Manitoba was represented by J. E. Lowry, Commissioner of Telephones, and J. W. Delaney, auditor; while R. E. Baxter, General Superintendent, and W. C. Bruce, Traffic Superintendent, represented Alberta; and Saskatchewan by D. C. McNabb, Deputy Minister, and W. Warren, Chief Engineer.

The question of inter-provincial rates was also discussed, but no decision was arrived at on this point, pending consideration by the Saskatchewan Government of the proposals submitted. At present Manitoba and Alberta have a two-minute long distance rate while Saskatchewan has a three-minute rate.

Direct communication between Manitoba and Alberta will be possible when repeating apparatus had been installed at Brandon. This will be done in the course of the next two weeks. The effect of the new installations will be to link the prairie provinces into a complete telephone unit.

Good Ammunition

Customer—I like that umbrella stand, but I don't think it is worth \$3.
Salesman—Why, madam, the very first umbrella that is left in it may be worth more than that.—Boston Transcript.

Always keep

BOVRIL in the House

Bovril prevents that Sinking Feeling.

ASPIRIN

UNLESS you see the name "Bayer" on tablets, you are not getting Aspirin at all



Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

Colds Headache Rheumatism
Toothache Neuralgia Neuritis
Earache Lumbago Pain, Pain

Handy "Bayer" boxes of 12 tablets—Also bottles of 24 and 100—Druggists. Aspirin is the trade mark registered in Canada of Bayer Manufacturing of Aspirin. Aspirin is well known that Aspirin means Bayer. Aspirin is the name of the Bayer Company will be stamped with their general trade mark, the "Bayer Cross."

IRMA TIMES

An independent newspaper published every Friday at Irma, Alberta, Canada, by The Times publishers.
The Alberta Oil Gazette
Irma, Alberta, Canada

**Greatest Opportunity Ever Offered
to Secure Interest in Alberta's
Leading Oil Fields**

ABSOLUTELY FREE

**PROBABLY YOU HAVE NOT REALIZED THE WON-
DERFUL CHANCES FOR INDEPENDENT FOR-
TUNES TO THOSE WHO SECURE HOLD-
INGS IN ADVANCE IN NEW OIL
FIELDS.**

For several years we have watched the movements of Big Interests, in their endeavour to secure supremacy in this our greatest natural resource. These companies have been quietly working over all parts of Alberta, and have secured valuable information, which leads us to believe that Alberta will soon be the Leading Oil Producing country of the Continent.

The Times Leasing Club has secured two choice leases joining the holdings of the largest oil interests in Canada, other leases will be filed on in the near future. You have a chance to join this club and share in all the profits from its leases, absolutely free.

We are forming the TIMES LEASING CLUB and through this we hope to give all our subscribers a chance to obtain an interest in what we believe will soon be Alberta's Greatest Wealth Producing Industry.

You may obtain an interest in the Times Leasing Club, absolutely FREE by subscribing to the Irma Times for One Year at \$2.00 per year in Canada, or \$2.50 to the foreign countries.

For a Limited time the Times will place in trust one dollar of each yearly subscription, for procuring leases for petroleum and natural gas rights from the Dominion Government and for furthering the interests of the Club. The Times will retain an undivided half interest in all leases and will assist in every way to benefit the members of this Club.

The membership in the Times Leasing Club may be worth many, many times the amount of your subscription in the very near future.

Once a member of the Club, always a member.

There are no dues, no assessments, no obligations of any kind. A trust to be handled for the benefit of members.

Can you imagine what a pay-off will mean if oil is found on or near one of our leases.

DON'T MISS This OPPORTUNITY

More interest is being manifest. More hopes are being born for the oil fields of Alberta.

What will happen as the drills go deeper? As soon as the oil is found in commercial quantities near our leases this opportunity will be gone for ever.

YOU CAN READ —

Of the trend of development in the columns of the Times that will come to you each week for one year.

YOU CAN WATCH —

For the news that will come of the wells being drilled near your OWN HOLDINGS.

SUCCESS of the TIMES LEASING CLUB would mean supreme achievement for Irma Times.

Join Now before it is Too LATE. Use the Attached Coupon.

IRMA TIMES,
IRMA, ALBERTA.

Gentlemen:—

Attached find \$2.00 (\$2.50 for foreign countries) as payment for one year's subscription to the Irma Times, the Alberta Oil Gazette. It is understood that with this subscription I am to receive one free interest in the Times Leasing Club, and that I am to receive in accordance with this interest in all the future benefits of the Club.

Name

Address

NOTICE

Notice is hereby given that a list of lands against which proceedings have been begun under The Tax Recovery Act 1922, appears in the Alberta Gazette, published on the 31st day of May 1923, and unless the amount of arrears of taxes and costs are paid on or before the 23rd day of December, 1923, a certificate of title will issue to the municipality in respect thereof.

A copy of the said list may be seen in the office of the treasurer during office hours.

Dated at Irma this 14th day of July 1923.

N. M. Mathison, Treasurer
12-p.

CARD OF THANKS

Mrs. MacBeth and myself take this means of expressing our deep appreciation and heartfelt gratitude to all friends for the many kindnesses extended to us during the past few weeks and for the lovely flowers sent by the Ladies Aid and Missionary Society and other kind friends.

Also wish to thank all neighbors who, so willingly, gave of their time and labour to plow and harrow my summer fallow.

Yours sincerely
D. P. A. Macbeth.

STRAYED—From the S.E. 1-4 of Sec. 24-45-13. Eleven head of White Faced Yearling Heifers and Steers. No brands. Last seen about May 5th. \$5.00 reward for information leading to recovery. Lars Anderson, Phone 1209, Killam. 2t.

LOST, Strayed or Stolen—from J. G. Morton north of Wainwright, pure bred Scotch Collie female, black and tan. Answers to name of Flossie. For reward notify F. G. Morton, Wainwright. 3tp.

TAX ON MINERAL LANDS IN ALBERTA

All Owners of Oil, Gas or other Mineral Leases of any kind, or Mineral Titles, are Required to Pay to the Provincial Govt. a tax of 8 Cents An Acre.

This Tax is

DUE AUGUST FIRST

And is Payable to The

Dept. Municipal Affairs

EDMONTON, ALBERTA

Detailed Information as to Tax

Given on Application. 1t.

REGINA

Exhibition

JULY 30 - Aug. 4

Single Fare

And One-Third for Round Trip

TICKETS ON SALE

from all stations in Saskatchew-
an and West to

Youngstown, Wainwright, and

Vermilion in Alberta, and

East to Hartney, Har-
te, and Brandon in Mani-
toba, July 28 to Aug. 4, in-
clusive. Tickets will not be
sold on last date of sale for
trains arriving Regina later
than 2:00 p.m.

Final Return Limit

AUG. 5

For Further Particulars

Apply to Any Agent

CANADIAN NAT'L

RAILWAYS

Saskatoon

Exhibition

JULY 23 - 28

Single Fare

And One-Third for Round Trip

TICKETS ON SALE

from all stations in Saskatchew-
an and Alberta, July 21-28, in-
clusive. Tickets will not be sold
on last date of sale for trains
arriving Saskatoon later
than 2:00 p.m.

Final Return Limit

JULY 30

For Further Particulars

Apply to Any Agent

CANADIAN NAT'L

RAILWAYS

Dr. S. R. McGregor
Physician and Surgeon

Day and night calls at office
back of Drug Store.

ROYAL BLACK PRECEPTORY No.
1036.

Royal Black Preceptory meets on
the last Thursday in each month in
Larson's hall.

J. W. Graydon, W. P.
F. W. Watkinson, Reg.
Dr. S. R. McGregor, Treas.

IRMA L. O. L. No. 2066
Meet on the last Thursday in each
month in Larson's Hall.

Visiting Organismen Always Welcome:
F. W. Watkinson, W. M.
J. W. Graydon, R. S.
Dr. S. R. McGregor, F. S.

H. W. LOVE

REAL ESTATE, INSURANCE,
LOANS
IRMA, - - - ALTA.

MAP OF IRMA OIL FIELD
showing locations of wells, ele-
vations, etc., mailed to any ad-
dress for \$1.00.

McKAY TURNER CO.,
514 Tegler Block, Edmonton.

R. V. FIELDHOUSE, K. C.

Barrister, Solicitor, Notary Public

At Irma every Thursday.

For Special Appointment Phone

No's 13 or 85 Wainwright.

S. R. BOWERMAN AUCTIONEER

for the Province of Alberta,
will be pleased to communi-
cate with any person wishing
to put on a sale. Have had
8 years experience. Write or
phone at my expense.

ADDRESS PHONE NO. 86

Wainwright :-: Alberta

Edmonton Rubber Stamp Co., Ltd.

Makers of

RUBBER STAMPS & SEALS

10118-102nd St., Edmonton

PURVIS & PILGRIM

Barristers and Solicitors

General Insurance

MONEY TO LOAN

Irma, - - - Alberta

In Irma Every Saturday

IRMA POOL ROOM

and

BARBER SHOP

SOFT DRINKS TOBACCOS

CIGARS, Etc.

Agent for Snowflake Laundry.

J. A. HEDLEY

PROPRIETOR.

SELKIRK

HOTEL

EDMONTON

Robt. McDonald, Prop

Rates:

Single \$1.50 to \$3. day.

Double \$2.50 to \$4. day.

Right in the heart of

the City. All large Retail

Stores and Theatres

near the SELKIRK.

Irma Cash Meat Market

Fresh Killed Beef & Pork

BACON

Fresh Smoked every week.

35c pr lb. by the Piece.

Smoked Jowls 20c.

Cooked Meat, Dill Pickles

PIGS BOUGHT ANY DAY.

L. C. HATCH, Prop.

Irma,

Alberta.

STAVE

LOCK

SILOS

SCREEN

DOORS

&

Window

Screens



Tamarac

FENCE

POSTS

7-8-14 &

16ft.

Lengths

We Stack Up

— OUR LUMBER against that of any other dealer in the country as to quality and efficiency. No matter what high sounding phrases and adjectives others use in recommending their own stuff, we're there with real lumber minus the high price.

Farmers Mutual Lbr Co

P. J. HARDY

Manager

IRMA,

Alberta

INVESTIGATION

shows that rentals consume between 15 and 20 per cent of the average wage earner's income. This is very important as history shows that social disorders increase when people are not properly housed.

THE LOW COST OF BUILDING

ultimately prove the real solution of this situation. Prices for lumber have now reached such a low point that there is no reason why anyone should longer put off building.

CALL AND SEE US FOR PRICES

Our yard is headquarters for everything in building material. Our experience is at your service and the class of material we carry is superior in every respect. Our Prices Are Right.

"BETTER Lumber for Home Building"

THE IMPERIAL LUMBER Co., LTD.

"Pioneer Lumber Dealers"

T. H. FLEMING, Manager.

IRMA,

ALTA.

Alberta's Premier Jewelers

MAKE US YOUR JEWELRY HEADQUARTERS

WATCHES, SILVERWARE, DIAMONDS,

CUT GLASS, FANCY JEWELRY, CLOCKS, Etc.

SEND US YOUR WATCH & JEWELRY REPAIRS

EXPERT WORKMANSHIP, QUICK SERVICE

H. B. Kline & Sons Ltd

10069 Jasper Ave.

Next to Allan Theatre

DERMAN'S DRUG STORE, Local Agents

For Cool Drinks --

ICE CREAM,

CONFECTIONERY,

AND CIGARS

MEALS ON SHORT ORDER AT ALL TIMES.

ROOMS FOR TRAVELLERS.

IRMA ICE CREAM PARLOR

Irma, - - - Alberta.

OPEN for Business

WE ARE Open for Business. Our Dray will meet all trains and cream will be graded as soon as it reaches the Creamery. We aim to satisfy all our patrons and solicit your business.

Irma Creamery Co. Ltd

IRMA, ALBERTA

Bring your Car In

BRING in your any make and we can tune it to kick over like a clock

E. L. Elford IRMA

Authorized Ford Service Station
IRMA MOTORS - - - - - Irma, Alberta

When in Calgary Stop at —

The HOTEL ALEXANDRA

"THE HOUSE OF COMFORT"

Free Bus. Free Telephone Fire Proof
Rates — \$1 \$1.50 and \$2. With bath \$2 & \$2.50
226 — 9th Ave. East.

"Face Disfigured From Eczema"

Writes the Nurse who finally tried D.D.D.
"The disease had eaten her eyebrows away. Her nose and lips had become disfigured. Since the use of D. D. D. her eyebrows are growing. Her nose and face have assumed their natural expression."

Cases can be sent you from your own vicinity. Write for testimonials, or secure a bottle of D. D. D. today. Why suffer looking forward another moment? If you don't get relief on the first bottle we will refund without hesitation. \$1.00 a bottle. Try D. D. D. Soap, too.

D.D.D.
The Lotion for Skin Disease.

THOS. J. DERMAN, Druggist

When in Edmonton—

Let's Meet and Eat at the S.I. ASTA afe

A. E. MARTIN, Prop
10009 Jasper Ave.

SWAP—One heavy Studebecker wagon gear only, and one Grandt tour gang ylow 14in. will swap work horses or cows. Olaf Larson, Jar-row P. O.

SWAP—Will swap Ladies Bicycle in good running order, new tires, 22in. frame, for saddle horse—J. J. Newberry, N.E. 36-45-9, Irma.

Main Street

Mrs. W. B. Peterson paid a visit to her sister at Ponoka last week. Mr. W. Mason made a business trip to Edmonton this week.

Mr. and Mrs. G. A. Tripp took in the Edmonton Fair during the week. Come out and have a good time at Irma next week. Chautauqua, July 24-27.

Next week is Chautauqua week in Irma. Starting Tuesday it lasts for four days.

Mrs. Skiles and family of Edmonton are spending the summer with Mr. Skiles at Irma.

Mr. U. Hubbs, Gov. Jackson, Lloyd Kenwick and W. Bibble were among the visitors to Edmonton this week.

Miss Lavinia Sawdon returned to Irma Tuesday night after spending a couple of weeks in Edmonton.

Mrs. V. Larson is enjoying a visit of her father and mother who reside in Minnesota.

Mrs. T. Coulman intends leaving next Monday for a trip to Vancouver and Victoria.

Mr. B. Cleland went to Edmonton last Saturday night returning Tuesday with Mrs. Cleland and their young daughter.

Mr. Roy Whyte and bride returned to Irma last Friday and have taken over the residence formerly occupied by Mr. and Mrs. Graydon.

Mrs. Symons and Violet returned to Irma from Edmonton. They intend spending the summer with the boys on the farm on Strawberry Plains.

Mr. J. H. Elliott has been attending the Provincial Red Poll Association and the provincial Cattle Breeders Convention at Edmonton this week.

Tuesday night a number of passengers for Edmonton motored to the water tank to catch the flyer but unfortunately that night the train did not stop at the tank. Usually it stops and passengers waiting to go to Edmonton on the evening train have been taking advantage of the chance to go from the tank.

NOTICE

Domestic Animals Act according to Section 22, Sub. Sec. 3, The Municipal District of Buffalo Coulee No. 463 have established pounds and notices are to be posted at the following places:

N.E. 14-47-7-4, J. J. Eyben, Cummings P. O.
N.W. 17-47-8-4, R. Moulton, S.W. 4-47-8-4.
N.W. 36-47-9-4, J. W. Matthews, Zol-dovara, P.O.
E 1-2 6-49-9-4, H. Baldwin, S.E. 12-49-9-4
N.W. 4-49-7-4, D. F. McHardy, Mulga P. O.
eeper. -bPoundw pSt inapathy b, waet2a shrdl cmfwy shrdl cmfw shr
By order of the Council.
Arthur Curtis, Sec.-Treas.
Saultaux P.O., Alta.

CANADA PREPARES TO ENTERTAIN PRES. HARDING

Ottawa, July 17th.—Colonel E. J. Chambers, gentleman usher of the Black Rod left tonight for Vancouver to assume on behalf of the dominion government direction of the arrangements made for the reception of President Harding, Mrs. Harding and party upon the occasion of their approaching visit to Canada.

The President of the United States having been invited to visit the principal Canadian cities on the Pacific coast as a guest of the dominion, no pains are being spared to impart a thoroughly national character to the reception.

The address of welcome to the president signed on behalf of the government and people of Canada by the prime minister, the Right Hon. W. L. Mackenzie King, has been handsomely engrossed and will be read by the Hon. J. H. King, minister of public works, representing the prime minister.

Mr. King is at present in British Columbia and has already arranged the outlines of the present reception. The main functions will include a formal reception on arrival in naval and military setting, a huge popular luncheon under provincial and municipal auspices, and a formal dinner at the Hotel Vancouver given in honor of the nation's guest by the government of Canada. To this function the leading men in official and public life in western Canada and their wives will be invited.

PRINCE OF WALES TO VISIT ALBERTA RANCH THIS FALL

London, July 18th.—The object of the proposed visit of the Prince of Wales to Canada is to redeem the implied promise he made during the fall of 1919 when, in referring to the ranch in Alberta, he said he hoped to visit it some time and make it his home. The Daily Mail says that the Prince will sail the beginning of September and return toward the end of October. It is understood that H. R. H. will live the life of a rancher in a hut or tent if the weather is fine.

NEW FELT and Straw Hats for Men

QUALITY Merchandise

NEW BOYS HATS and CAPS

Billie Burke Dresses

Another sample shipment of Dainty Wash Dresses from this celebrated house. We would like you to see these lovely little dresses in Gingham, Foulard, Cotton Canton Crepe. The newest in Wash Dresses priced Reasonably at \$4.50 to \$7.50

LADIES SHOES

GRACIA FLEXILE PROCESS Shoes for Ladies. We have some Nice New Styles in this Splendid Women's Shoe. Some Summer Styles that you will like. Let us show you what a good shoe it is. Priced very Reasonably \$4.95 to \$6.00

Buster Brown HOSE for BOYS

J. C. McFarland Co

DUTCHESS PANTS for Men Guaranteed

Womens & Childrens Hose

CHILDREN'S SILK LISLE HOSE — Another lot of these Specially Priced Hose. Reg. 50c to 75c in Brown, White, some Black 30c, 40c

WOMEN'S COTTON HOSE — Black & Brown and Seamless throughout. SPECIAL 25c

WOMEN'S MERCERIZED LISLE HOSE — A nicely made Lisle Hose in Black and all colors. Made with seam up the back. All shades 50c

WOMEN'S SILK LISLE HOSE — Made with elastic top and a very fine quality in Black and Brown only. Per Pair 75c

MEN'S MARATHON SOX — A very fine Cotton Sock in Grey and Black. Sold all over at 35c a pair. SPECIAL 25c

MEN'S SILK LISLE SOX — A nice Silk Lisle Half Hose that has a very fine appearance in all shades. SPECIAL 45c

GROCERIES

Special Blend Tea 60c
1lb Magic Bk. Powder 40c
3 Cans Tomatoes 50c
3 Cans Corn 50c
Ontario Cheese 30c
Salada Tea 65c

U.F.A. Considering Live Stock Shipping Association Between Viking and Fabyan

The United Grain Growers have had a request from certain livestock shippers in the above district to assist the U. F. A. Locals to organize a large District Shipping Association similar to the one that is now in operation at Vermilion and other points. This is a Livestock Shipping Association that is purely co-operative and has a patronage dividend feature connected with it.

The U. F. A. District Association of Vermilion and vicinity co-operated with the United Grain Growers to put a man in the field who devotes his entire time to the work of marketing the livestock co-operatively. Here are some of the things that the Association has accomplished:—

1. They have shipped their livestock to Winnipeg cheaper than it has ever been handled before.
2. The shipper has travelled 9,000 miles during past year examining stock and advising farmers regarding the livestock markets.
3. Last year the farmers shipped 46 cars co-operatively. Under the new plan they have shipped 252 cars through their Association in the same time.

4. At the end of the year the Association turned back to the shippers \$1,039.40 as a patronage dividend.
5. They paid \$570.00 toward paying for a scale and yard of their own.

Red Deer and District have organized along similar lines with 25 U. F. A. Locals behind the Association. Other points similarly organized are: Grand Prairie, St. Paul de Metis, and Coronation, and the following districts are in process of organizing.

Daysland to Loughheed on C. P. R. Hardisty to Hughenden on C. P. R. Metlakow to Provost on C. P. R. Wainwright to Chauvin on G. T. P. Aile to Bashaw on C. N. R. Camrose and District.

This is a big proposition, as it puts the marketing of livestock on a purely co-operative basis. Just think what it will mean to have an experienced livestock man in your district whose advice may be secured, free, regarding the best time to market and the best market to ship to.

This plan fits in perfectly with the United Grain Growers Co-operative Marketing Pool, which has proven itself to be the best system of co-operative marketing yet devised—as the cattle may be sorted up locally and shipped to any market where the demand and price are greatest.

See me for--

Fresh High-grade Groceries
Fruit
Shirts, Overalls & Shoes

MY STOCK is all NEW and Prices Right.
If you are in a hurry, Phone your Order in and it will be ready when you call.

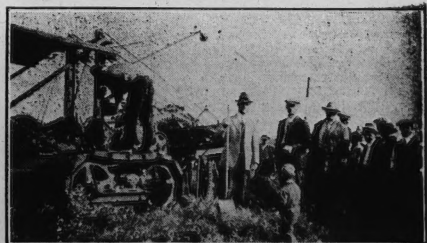
L. Hostrup

GENERAL MERCHANT

Irma,

Alberta

BIG DITCHER STARTS WORK ON GAS MAIN



The above photograph shows the Big Buckeye Ditcher, starting on its work, to Dig the Ditch for the Gas Pipe Lines, July 9th, 1923. Reading from left to right, John Faithful, Findlay, Ohio, Expert Ditching Machine Operator (on the machine); man with spade, W. L. Campbell, Viking's Gas Mayor; John Griffith, Independence, Kansas, Gas Field Manager; G. C. Henceroth, Independence, Kansas, General Supt. of the Gas Co.; Harry Cartwright, Viking Jeweler; A. C. Wittman, Clothing Merchant, and group of citizens in background.

Chautauqua Opening Tuesday

RED ROSE

For particular people—

COFFEE

All the qualities of superfine coffee—roasted to a turn, crushed to small, clean grains—every can perfect coffee.

Canada And Its Immigrants

The tide of immigration to Canada is rising. It will continue to rise in response to the desire of people in the British Isles and on the continent of Europe to emigrate to a land where they can find those opportunities for self-advancement for themselves and children, particularly their children, which are at present denied to them, and also in response to the increasing recognition by the people of Canada that one of the Dominion's paramount needs is increased population, which recognition is slowly but surely finding acceptance in the adoption of a more up-to-date and vigorous policy of immigration by the Ottawa Government. A further incentive to increased immigration is found in the policy of the British Government encouraging and promoting immigration to the overseas dominions of the Empire.

It is not sufficient for Canada and its future merely to receive thousands of new settlers. These people of diverse races and tongues must not only be received, but made welcome; they must for their own future good and Canada's welfare and national stability and progress be assimilated as rapidly and completely as possible into a real and permanent Canadian citizenship. In the past, unfortunately, such assimilation in the minds of many good Canadians has been conceived in a very narrow way. It has meant little more than the abandonment by new comers of their native tongue, customs, and native dress and the adoption of the English language, Canadian dress and customs. While the adoption of the language, customs, dress and manners of Canada is desirable and, in their own interests, necessary for all immigrants, it is not necessary, nor possibly even desirable, that they should wholly abandon and seek to forget the language and traditions of the lands from which they come.

It is of the first importance, however, that all people of foreign extraction should be made heartily welcome in Canada by our Anglo-Saxons. It is our duty to understand these newcomers. Particularly, we must abandon the attitude of viewing them with suspicion, even disgust. They are not Bohunks, nor dirty Galleians, nor narrow, bigoted Monnions; they are people; they are human, with spiritual and intellectual capacities. Many of the very habits and characteristics to which Anglo-Saxons sometimes so strenuously object are the outcome of deep religious convictions—something no man should despise—or the result of centuries of inherited ideas which cannot be uprooted in a few years. Even if such uprooting was possible there would be grave danger of something less desirable and more dangerous taking the place of lost convictions and ideals.

These diverse people have a distinct contribution to make to the Canada of the future that is now in the making, a contribution quite apart from the visible, practical and economic one of tilling the soil, raising cattle, building railways, roads, or being hewers of wood and drawers of water for Canada. They bring to this new country habits of thrift and a willingness to work, and work hard even to the extent of downright drudgery, which most Anglo-Saxons have yet to learn. These people are real pioneers. They have not despised the land covered with bush to be cleared; no distance to market has been too great for them to travel; no stones too heavy to lift. They live frugally, clear their own land, haul their crops to distant market towns in zero weather. In a word, they are nation builders. They are not living for pleasure, but for future generations, and where you see their plow, shacks, you also see lots of children.

These people, too, bring with them a burning love of liberty. They know from centuries of bitter experience what tyranny and oppression mean. They understand the horrors of war. True, there is danger they may misinterpret Canadian liberty for licence, but it is for the Anglo-Saxon to endeavor to understand and sympathetically teach and direct.

The Scandinavians bring to us the sturdy hardiness and rugged upstanding characters developed about the fjords in the land of the midnight sun, the type of Stepanoff, the Arctic explorer, who is doing so much for the Canada of the future. The Polish people bring from the land of Paderewski an inborn love of music. Czech-Slovakia sends us men and women thrilled with the inspiration derived from Huss and other national patriots. The Hungarians are still influenced by their great hero Kossuth.

These people bring a new strain into our Canadian life. They have a real love for the land; they love the smell of the rich soil; they love the beauty of the plowed field; they enjoy the toil in the fields. They bring to Canada things we lack. We have invited them to come; we need their contribution to the upbuilding of our Dominion. Let us, therefore, welcome them, strive mightily to understand them, encourage and assist them, have patience with them, because time will work wonders, and above all, let us not look down upon them because their ways are not altogether our ways. We owe them something, and it will be repaid in full measure if we exercise a reasonable patience and understanding, Canadian neighborliness and Christian charity.

Contribution Of Canada

While Canada has only about one-half of one per cent. of the world's population she produces: 90 per cent. of its cobalt, 88 per cent. of its asbestos, 82 per cent. of its nickel, 32 per cent. of its pulpwood, 20 per cent. of its lumber, 20 per cent. of its cured fish, 18 per cent. of its oats, 15 per cent. of its potatoes, 12 per cent. of its silver, 11½ per cent. of its wheat, 11 per cent. of its barley, 4 per cent. of its gold, 4 per cent. of its copper.

Fate is what a man calls it when he gets into trouble for doing what he shouldn't do.

Discuss Lady Astor's Bill

Prime Minister Stanley Baldwin announced in the British House of Commons that the Government is ready to grant facilities to Lady Astor's bill, providing for prohibition of the sale of intoxicants to persons under eighteen years of age.

A traveller says he passed a field in Europe where a woman was yoked with an ass. It happens over here, also, but she sometimes leaves him.

A selfish individual who lives for himself alone is usually the only person in the world to mourn his demise.

"I Had Bilious Attacks and Stomach Weakness"

Mrs. Wm. Robinson, Yorker, Sask., writes:

"I suffered from stomach and liver trouble, and used to have bilious attacks so bad that I could do nothing for weeks at a time. My stomach would be so weak that not even a drink of water would stay on it. On my sister's advice, I began to use Dr. Chase's Kidney-Liver Pills, and must say that they have made me feel like a new woman."

DR. CHASE'S KIDNEY-LIVER PILLS

One pill a dose, 25 Cents a box, all dealers, or Edmondson, Bates & Co., Ltd., Toronto.

Canada's Exports

Great Increase Shown In All Products During Year

Canada's automobile exports in 1910 were but \$400,000, and in 1920 they were \$9,000,000. Pulp and paper exports jumped from 351,000 tons in 1912 to 9,000,000 tons in 1922; the rubber exports increased from \$225,000 in 1910 to \$4,000,000 in 1920; textiles increased from \$62,438 in 1910 to \$927,616 in 1920. Chemical exports increased in value in the same period to \$9,250,000. Manufacturing exports have rapidly climbed until they represent 51 per cent. of the export trade of Canada in the last year.

Excellent Source of Revenue

Charitable Organizations Can Make Money Collecting Old Newspapers. Old newspapers from which the ink has been removed by processes lately discovered make a good grade of book paper. In recent months manufacturers have paid as much as thirty dollars a ton for them, and they say the supply is inadequate. Charities that organize to collect old newspapers find they have an excellent source of revenue. Incidentally they help the cause of forestry. It is said that six tons of waste paper saves an acre of forest.

Mothers' Best Friend In Rearing Children

Pain and sudden sickness are apt to come upon us at any time and safety lies in having always handy on the shelf a reliable pain relief like good old "Nervine." For nearly half a century Nervine has been a family standby, and most mothers have come to rely upon it in case of colds, sore throat, tight chest, sprains, cramps, nausea, and sudden attacks of sickness at the stomach. For internal or external use, Nervine is worth its weight in gold in every home, and costs but 25 cents at any dealer.

Railway May Push North

Says Canadian Pacific Anxious to Extend In Northern Alberta and B.C.

A special to the Vancouver Province from Victoria, says in part: "A well authenticated report has it that the Canadian Pacific Railway, in reaching out for further business in Central and Northern British Columbia, it is understood Major Crysdale, of Vancouver, will conduct a survey for railroad purpose in the interior of the Canadian Pacific Railway from Spirit River, Alta., to the inter-provincial boundary at Pouce Coupe and across to Pine Pass in British Columbia.

"It is believed the Canadian Pacific Railway has eyes on the Pacific Great Eastern, although unwilling to pay much for the property. At the present the Pacific Great Eastern has been surveyed north from Prince George through Pine Pass to Pouce Coupe, but the provincial government has no intention of completing the line."

Canada Gives Buffaloes To New Zealand City

Auckland Is Making Collection of Wild Animals of World

The city of Auckland, New Zealand, has set aside 170 acres of land for zoological gardens, and the mayor of that city has written to the Canadian Department of the Interior to ask for the gift of three buffaloes to add to the nucleus of a collection of the wild animals of the world. It has been proposed to accede to this request, and arrangements are being made for the transfer of three buffaloes, one male and two females, to the city of Auckland.

The man who is looking for soft snaps is likely to get many a hard jolt.

No Rest With Asthma. Asthma usually attacks at night, the one time when rest is needed most. Hence the loss of strength, the nervous debility, the loss of flesh and other evils which must be expected unless relief is secured. Fortunately relief is possible. Dr. J. D. Kellogg's Asthma Remedy has won its merits through years of service. A trial will surely convince you.

Saskatchewan Honey

Estimated that Twelve Tons Were Produced Last Year

A substantial increase in the production of honey in Saskatchewan is anticipated this year, according to officials of the Department of Agriculture. At present there are nearly 100 beekeepers in Saskatchewan. Fourteen of them produced a total of 9,632 pounds of honey last year, an average yield of 688 pounds for each apiary. The remaining apiaries yielded an average of about 200 pounds each, and it is estimated the 1922 production of honey in Saskatchewan was approximately 12 tons.

A lump of sugar helps to preserve cream in hot weather.

Minard's Liniment relieves Burns, etc.

W. N. U. 1477

Healthy Liver Healthy Life

Your liver—healthy or clogged, active or sluggish—makes all the difference between a vigorous, cheerful life and low spirits and failure. To subdue a stubborn liver, overcome constipation, distress, biliousness, indigestion, headache and the blues there is nothing on earth so good as Carter's Little Liver Pills. Purely vegetable. Small Pill—Small Dose—Small Price

Less Crime In England

Statistics Show Big Decrease In Last Ten Years

Less drunkenness, more burglars arrested, a big drop in minor cases, more suicides, 25 double tragedies, and British prisons not so full, are some of the outstanding features of the crime statistics for 1921, which have just been made public.

During 1921 cases of drunkenness totalled 81,383 against 98,606 in 1920 and 29,408 in 1912. Offences of violence declined to 966 in 1921 from 1,107 in the previous year. The decrease in the number of cases for offences of a less serious character, says the report, confirm the impression that poverty and distress were potent influences in determining the number of crimes and offences during the year.

Prison returns show the number of convicted prisoners received during 1921 totalled 166,571 against 166,283 in 1915.

Polish Exports to Germany

Food, Coal and Timber Supplied In Large Quantities

Notwithstanding the strained relations between Poland and Germany, Polish goods exported to that country form no less than 18 per cent. of the total exports. Exports to Germany consist mostly of articles of food, coal and timber. German imports into Poland form 15.6 per cent. of the total Polish imports. This figure is in reality considerably higher, as many German goods are entering Poland by way of Austria and Czech-Slovakia. German exports to Poland consist for the most part of machinery.

HUSBAND DIDN'T DARE LEAVE HER ALONE HEART WAS SO BAD

Those feelings of faintness, those dizzy spells, the all-gone sinking sensations which come on from time to time indicate a weak condition of the heart and a disordered state of the nerves.

MILBURN'S HEART AND NERVE PILLS

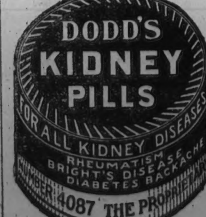
have no equal as a remedy to strengthen the heart, invigorate the nerves and build up the run-down system. Mrs. C. Vanhorn, Eckville, Alta., writes:—"About a year ago I had heart trouble. My husband didn't dare leave me alone, and often had to stay up at night with me. I would just feel kind of faint, and my heart would seem to stop beating. I would just faint away, and it would sometimes be an hour before they could bring me back to life. Someone told me about Milburn's Heart and Nerve Pills. I got three boxes; I took them and felt much better, so continued all winter, and now I never feel any such faintness. I surely do appreciate the good they have done me."

Price 50¢ a box at all dealers or mailed direct on receipt of price by The T. Milburn Co., Limited, Toronto, Ont.

Ship 1,165 Cattle

One of the largest single shipments of Canadian cattle that has ever left Montreal was carried by the steamer Irishman which sailed recently for Liverpool. The shipment consisted of 1,165 head of store cattle, most of them from Ontario with weight of 1,100 pounds each.

It is not generally known that wringing out a cloth in hot water and wiping the furniture before putting on furniture cream will result in a very high polish that will not finger-mark.



Discovery Of Stainless Steel

Inventor Got Idea Studying Effect of Explosions on Gun Barrels

The inventor of stainless steel, which has created such a revolution in the last few years, is a native of Sheffield, Mr. Harry Brearley, who got on the track of it while studying the effect of explosions on gun barrels and the inner tubes of large guns. He then produced an erosion-resisting steel, which, under the name of stainless steel has since been used for making cutlery.

Numerous articles, including tools, are now manufactured from the material. A unique example was an enormous axe, presented to Sir Eric Geddes last year.

One of the latest developments in the application of the principles embodied in stainless steel is stainless iron, which is steadily making its way in every civilized country.

Both products have numerous uses, and enter into motor cars, ships, and so on, as well as the equipment of collieries and engineering and other works. It is anticipated, too, that they will become more and more important factors in iron and steel usage everywhere.

In the cutlery branch of the trade, as every housewife knows, it holds to day the premier place. Yet the inventor had hard work in getting blades manufactured from it.

Two well-known English cutlery houses would not take it upon the ground that it was too difficult to forge and grind, and a third, though it agreed to make some trials, thought that failure was inevitable. The manager of this firm declared that a blade which would not stain or rust was an impossibility.

HEALTHY CHILDREN ALWAYS SLEEP WELL

The healthy child sleeps well and during its waking hours is never cross but always happy and laughing. It is only the sickly child that is cross and peevish. Mothers if your children do not sleep well; if they are cross and cry a great deal, give them Baby's Own Tablets and they will soon be well and happy again. The Tablets are a mild but thorough laxative which regulate the bowels, sweeten the stomach, banish constipation, colic and indigestion and promote healthful sleep. They are absolutely guaranteed free from opiates and may be given to the new-born babe with perfect safety. They are sold by medicine dealers, or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Long Aeroplane Trip

British Pilots Are Now Planning Around the World Flight

An aeroplane flight around the world by a British machine, manned by British pilots under the auspices of the Legion of Frontiersmen is the project unfolded by Captain Harwood Steele, M.C., who is in Montreal in connection with the proposed flight.

Captain Steele said that it was planned for the world encircling flight to start from England some time next year with a powerful seaplane of British make. The route as at present mapped will be across France to the Mediterranean, Egypt, India, thence across Asia to Kamchatka, the Aleutian Islands, and across the Bering Sea to Alaska, down to Vancouver.

The flight will continue across Canada with stops at such points as Calgary, Winnipeg, Port Arthur, Toronto, Montreal, Quebec and Halifax. For the final lap of the flight the machine will proceed to Newfoundland, thence to Iceland, the Orkney Islands and south to the starting point in England. The seaplane will be flown by Captain Norman Macmillan, M.C., A.F.C., and Captain G. F. Mallina, O.B.E.

The ex-Kaiser still has dealings with German tradespeople. He has just placed an order with some Berlin jewelers for a gold cigarette box, a gold stick, perched on the side of the box bends its neck and picks out a cigarette.

A safe and sure medicine for a child troubled with worms is Mother Grave's Worm Exterminator.

Production of Chemicals

During the year 1922 the value of Canada's production of chemicals and allied products amounted to over \$100,000,000 of which some \$25,600,000 worth were exported. Labor statistics covering the same period show that employment in the chemical industries increased by 5 per cent., while the general tendency of chemical production has been toward increased production and stabilization.

Savings Are Increasing

Since the declining months of 1922 the volume of savings in Canadian chartered banks has been rising and at the end of March, 1923, the total savings deposits amounted to \$1,219,295,721, or nearly \$140 for every man, woman and child in the Dominion.

Minard's Liniment for sale everywhere

WONDERS HOW SHE EVER ENDURED IT

Mrs. Connor Declares Stomach Trouble Was So Bad She Could Hardly Eat At All

"If I hadn't gotten Tanlac when I did I believe I would have had to go to a hospital," declared Mrs. Wm. Connor, 226 Hess St., Hamilton, Ont., recently.

"My stomach was so disordered that everything I ate made me deathly sick, and caused pains in the pit of my stomach that nearly drove me distracted. Often the agony was so great I could not help crying, and for two or three days at a time I wouldn't eat a morsel of food. I was as nervous as a witch, miserable for the want of sleep; and often wonder now how I lasted through it all."

"The splendid results my husband got from Tanlac about a year ago caused me to try it, and the treatment ended my suffering in a few weeks time, and gave me a new lease on health. I don't believe there's a healthier woman in Hamilton than I am now, and I can't praise Tanlac enough."

Tanlac is for sale by all good druggists. Accept no substitute. Over 37 million bottles sold.

Tanlac Vegetable Pills are nature's own remedy for constipation. For sale everywhere.

Artificial Diamonds

Process Devised By English Chemist Long and Costly

By mixing paraffin spirit, bone oil distillate, and metallic lithium in a powerful cast-iron tube, and heating the compound in a reverberatory furnace, an English chemist has obtained artificial diamonds identical in composition with the original gem dug from the mines. But the process is long and costly, while the diamonds resulting are so tiny that mine stones of the same size can be bought for a quarter of the money.

Elevators In West

Elevator companies in Western Canada are constructing 200 or more country elevators this year at a cost of several millions, and at the head of the lakes \$5,000,000 will be spent in new terminal elevators and in enlargement of old ones.

There's nothing like the knits of candor for severing the bonds of friendship.

PILES

Do not suffer another day with this annoying or painful condition. Dr. Chase's Ointment will relieve you at once and afford lasting benefit. See a local dealer, or Edmondson, Bates & Co., Ltd., Toronto. Sample box free if you mention this paper and enclose 10¢ stamp for postage.

MONEY ORDERS

A Dominion Express Money Order for five dollars costs three cents.

After Every Meal

WRIGLEY'S

In work or play, it gives the poise and steadiness that mean success.

It helps digestion, allays thirst, keeps the mouth cool and moist, the throat muscles relaxed and pliant and the nerves at ease.



For all the family

Strains, sprains and pains, overworked muscles, aching joints, rheumatism, all of them answer at once to Kendall's Spavin Treatment.

Kendall's Spavin Treatment, known for more than 40 years as Kendall's Spavin Cure, is a medicinal and clean-cut remedy, no continued rubbing, no bandaging.

Ask your druggist for a bottle to-day

KENDALL'S SPAVIN TREATMENT

Canadian National Parks Offer Unsurpassed Attractions For Great Army Of Tourists

Each year evidences a greater appreciation of the Canadian National Parks both on the part of the Canadian people and visitors from other lands, and each passing season further extols the foresight of the men who have retained for all time these enchanting fastnesses of nature to be the playgrounds of a continent for all time.

Though the final figures are not available for the past year and the annual report uncompleted, it is authoritatively stated that the parks in the 1922 season welcomed as great a volume of visitors as they had ever known, at least equally the traffic of the year 1915, which had hitherto stood a record. In that year a total of 166,000 holidaymakers, of whom 75,000 were Canadians, visited the National Parks to revel in their wild beauties. In the year 1921 it is estimated that foreign visitors to the parks left the sum of nearly \$20,000,000 in the country, or almost \$225 per capita of Canada's population, and this amount must have been substantially augmented last year.

It is confidently anticipated that this season the traffic to the National Parks, especially those which lie in the western and mountain regions, will be invaded by a yet greater army of tourists. Every year the desire to spend friver, more unconventional holidays, the most striking antithesis of the ordinary day's routine, becomes more pronounced, and greater crowds seek to give expression to this urge. It is coming to be more and more appreciated, too, that no ardent sportsman finds this craving, nowhere is the realm of nature so inviolate, as the Canadian National Parks, where the most rigorous precautions are taken that the beauties of nature shall be preserved unscathed, the trammels of nature be banished as far as possible, and these wooded sanctuaries retain their immaculate charm.

The Rocky Mountains Park has for years been the Mecca of the continent's holiday-makers bent on such a vacation, and it easily leads all other resorts as a prime favorite for departing in nature's haunts where civilization is left not too far behind. In these these one vote taken among tourist parties who had in addition traveled through many or all of the United States National Parks, it was elected as the most attractive and entertaining. In 1915, of the 166,000 tourists at the various Canadian parks, 71,000 were visitors at Banff, the gateway to this unrivaled playground.

For the motor traveller who, hold day bent, seeks to penetrate the heart of nature and has learnt to love the rugged, untarnished beauty of the Canadian Rockies, 1923 is, in one respect, a signal year. The last day of June will see the official opening of the Banff-Windermere Road, the last completed section of the Canadian sector of the Grand Circle Tour which stretches up into Alberta for 6,000 miles from California and takes in ten National Parks. For years work has progressed strenuously upon it, through pine forests and blasting through mountain strongholds, until now the way lies open to what is undoubtedly the most picturesque motor trip on the continent.

Motorists who pass that way this summer will be real pioneers. The new road is built through the heart of some of the finest scenery in the Rockies, seventy-three miles of it being through virgin mountain and forest country where many of the peaks as yet bear the name. It crosses two mountain passes, the main range of the Rocky Mountains being traversed via the Vermilion pass at an altitude of 5,000 feet and later the Erisco range through the Sinclair pass at an elevation of 4,500 feet. The grades, however, are easy, the average being 3 per cent, and the maximum 9 per cent, which is maintained only for about 400 feet.

Holidaying in this section holds unsurpassed attractions for the motorist camper. Until the International Boundary is reached again he must be prepared to leave the things of civilization definitely behind and manage with the little camps which have been situated periodically along the trail in such a way that the primitive aspect is in no way violated. One might write exhaustively of the many wonders of this trip, the virgin forests and towering mountains, the Vermilion paint pots, the radium hot springs, the rugged beauty of Lake Windermere, and the varied attractions of many detours. Suffice it to say that the month of June opens up to motorists a new western wonderland and playground which, it may safely be said, is unequalled in the continent and probably in the entire world.

W. N. U. 1477

Profit In Beekeeping

Bees Can Be Kept Profitably In Almost Any Part of Canada

One of the phases of Dominion agriculture which should appeal most keenly at the present time, not only to those already engaged in farming in Canada, but those contemplating Dominion land settlement, is that of apiculture. Not only is Canada producing sufficient honey to satisfy her own domestic demands, but neglecting a great export market, where the reputation her other farm products have already achieved, no less than the proven high quality of her honey, would give her an easy entrée.

There is gratifying evidence at the present time, of a general interest throughout the Dominion in beekeeping, and of a movement towards occupying that position in apiculture which opportunity in the country justifies. A campaign of encouragement has been waged by Dominion and Provincial Government, and these have been attended with satisfactory results, to judge from the increase in the number of apiarists and the production of honey. "Bees can be kept profitably almost anywhere in Canada," says the Dominion Apiarist, "and each year the number of apiarists gradually increases. The returns from beekeeping are as certain as those in any other business, and there is perhaps no other branch of agriculture which yields as high returns for the amount of capital invested."

The most noteworthy increase in interest in beekeeping is probably exhibited by the western provinces, where from a total non-existence it has developed to be a flourishing and profitable industry. In Manitoba, for instance, a new provincial industry has been built up in only two years, and last year the beekeepers of the province were responsible for about half a million dollars to provincial revenue. This year it is expected that such revenue will be doubled in the province. Manitoba has now approximately one thousand beekeepers who in 1922 produced about 2,000,000 pounds of honey. What can be done in this province was demonstrated by one member of the Provincial Beekeepers' Association who secured from six hives a yield of 2,150 pounds of extracted honey, which he sold for 21 cents a pound. Another member produced a yield of 2,470 pounds of honey from seven hives, or an average of 353 pounds, and an increase of 18 colonies.

The Saskatchewan Government became so keenly conscious of the failure of its farmers to take advantage of this profitable industry that it instituted a new department, a course in beekeeping, at the University of Saskatchewan. The province of British Columbia last year produced the largest honey crop in its history, over 700,000 pounds with a value of nearly \$200,000. This year's output had the fine average of 61 pounds per hive from 10,329 hives in 2,072 apiarists. In eleven years this province's output has increased from 20 tons to about 355 tons per year.

The remarkable opportunities existing in Canada for engaging in the pursuit of apiculture, in the established fact that this may be pursued in practically any section of the Dominion, is apparent in a survey of trade figures. Canada's exports of honey in the last fiscal year amounted to 74,107 pounds, worth \$12,810, to which figure it had increased from 33,142 pounds, worth \$7,632, in 1920, and 36,925 pounds, worth \$9,195, in 1921. These exports in the past year went to the extent of \$162 to the United Kingdom, \$12,265 to the United States, \$5 to France, and \$405 to other countries.

Exports of Dairy Products

Canada exported 266,489 lbs. of butter valued at \$118,834, and 562,400 lbs. of cheese valued at \$140,539 in the month of March. The third month of the year is one of the smallest exporting months. Of the butter exported, much was destined for Bermuda and the West Indies, whereas the cheese nearly went to the United Kingdom. We also exported in the same month 174,286 lbs. of powdered milk valued at \$23,816, and 215,400 lbs. of condensed milk, valued at \$29,021. Of the condensed milk shipments, Russia took 110,000 lbs., the United Kingdom 424,500 lbs., the United States 702,400 lbs., Jamaica 165,000 lbs., Mexico 104,800 lbs., the Netherlands 150,200 lbs. and Cuba 132,000 lbs. Some 164,800 lbs. of the powdered milk and 124,400 lbs. of the condensed milk went to Germany.

The more business ability a man possesses the harder it is for him to whistle a popular air correctly.

Aeroplane Rescues Pair From African Jungle

Penetrated Wilderness For Three Hundred and Twenty Miles

After an S.O.S. was flashed out over hundreds of miles of Panama jungle by a dispatch of a native runner more than seventy-five miles to the nearest telegraph station, three United States army aeroplanes penetrated the wilderness for 320 miles and rescued Mrs. Helen T. Galge, wife of Prof. Frederick M. Galge, of the University of Michigan, who shot off the index finger of her right hand by an accidental discharge of her double-barreled gun.

Prof. and Mrs. Galge left America last February with the intention of remaining in the jungle for eighteen months in the study of reptiles. Mrs. Galge is an authority on snakes, lizards and frogs. They had gone hundreds of miles, and were near the border of Costa Rica when Mrs. Galge met with her accident.

Increased Consumption Of Milk

California Uses Milk Extensively In Public Schools

In the movement for the greater consumption of milk and its products, which is going on in many states of the Union, California stands at the head. There is scarcely a city of any size in California that has not some sort of milk service in the public schools. In San Francisco, 10,500 half-pint bottles are purchased by the children at the school lunches every day. In Berkeley every school has a similar service. Nutrition classes are also common in the principal cities. Every child in the nutrition classes is required to drink a quart of milk a day. Doctors, dentists and opticians give their services free of charge. In 1922 the people of California consumed 13,500,000 gallons more milk than in any previous year, the per capita consumption increasing from 17½ gallons in 1921 to 22 gallons in 1922. The consumption of butter increased from 22 lbs. to 22½ lbs. per capita in the same period.

Leads in Child Welfare

In a recent address before the New York Canadian Club, Dr. James W. Robertson, of Ottawa, Chairman of the Executive of the Canadian Red Cross Society and Chief Commissioner of the Boy Scouts Association of Canada, declared that in the past four years Canada had made more real progress than any other nation along the lines of child welfare. Six Canadian universities are giving courses to women to fit them for work in saving the lives of babies, he said.

May Demolish Eiffel Tower

The Eiffel Tower of Paris may soon be demolished and the material of which it is constructed used for reconstruction work in the devastated regions. The wireless station at Saint Assise, near Melun, possesses superior facilities for receiving and transmission compared to the Eiffel Tower.

France in Wheat Drive

An agricultural congress at Paris recently organized a campaign to enable France and its colonies to raise all the wheat it will need after this year. The campaign will urge not so much increased acreage as better methods, better seed and better fertilizers.

It may be that fruits feel pain, as that Frenchman says, but the grapefruit is the only one that can hit back.

WESTERN EDITORS



S. I. May, Editor of The Review, Cardston, Alberta.

Canada's Rivals In Dairying

New Zealand and Australia Capture Large Share of Trade

The Dominion Dairy Commissioner, Mr. J. A. Ruddick, who with Mr. W. A. Wilson of Regina, Saskatchewan, recently returned from a visit to New Zealand and Australia, states that New Zealand has made great progress in the dairy industry in recent years. Many new factories have been built and many have been reconstructed and modernized. Australia too has made great advances, large factories in New Zealand, being the rule, some of the creameries making as much as 800 to 1,000 boxes of butter a day. In New Zealand it is a small cheese factory that does not make 400 or 500 tons in a year. Mr. Ruddick is of opinion that Canada will meet much keener competition in the future in the matter of quality and quantity of dairy products from these countries than she has in the past. Relating to these facts it is interesting to note that the amount of butter graded in New Zealand in the month of December, 1922, was 9,758 tons, compared with 6,128 tons in the corresponding month of the previous year. The total for the last five months of 1922 was 35,663 tons against 24,944 tons in the same period of 1921.

Not the Answer He Wanted

An inspector visiting one of the schools in a certain town, thought it proper to ask the youngsters a few questions.

"Can any little boy or girl tell me," he said, impressively, "what is the greatest of all the virtues?"

There was no reply.

"We will try it again," said the visitor. "What am I doing when I give up my time and pleasure to come and talk to you in your school?"

"I know now, mister!" exclaimed Johnny Smith, raising his hand.

"Well, what am I doing, little man?" "Butting in!" was the startling reply.

If, as reported, George Washington never wrote a love letter, his reputation for veracity is accounted for.

Possibly Solomon's wisdom was due to his association with his numerous mothers-in-law.

No man can get a woman's meaning unless he can understand the language of her eyes.

THE MIXED FARMER



YOU CAN'T PUT HIM OUT OF BUSINESS

Canada's Railway Progress An Outstanding Feature In Development Of Dominion

Poultry Marketing Co-operation

Elements That Are Necessary If Success Is to Be Achieved

While the title of a bulletin just issued by the Dominion Livestock Branch, "Co-operation in Marketing Poultry Products," would indicate that its contents were of interest to those engaged with poultry business, nevertheless the majority of the principles laid down are applicable to any form of agricultural co-operation. The writer, Mr. A. Benson, District Poultry Promoter for Ontario, hits a vital point when he says that while there is evidently an earnest desire on the part of producers to improve existing marketing conditions, there appears to be a lack of uniformity of thought and ideas as to methods of procedure, and the limits of the field in which co-operating producers can hope to achieve the greatest and most permanent success. It is evidently with a view to help in remedying this condition of affairs that the bulletin has been written and published. Not alone are the fundamental essentials to success and the principle of co-operation laid down, but details are given relative to organization, to the loyalty and confidence that must prevail, to the methods of management that must be adopted and maintained if success is to be achieved, to warehouse methods, to marketing, to grading and standardizing of eggs, to pooling, to financing, to the survey that should be taken of conditions and territory to be controlled prior to organization, to the east-iron contract that should be made between members, and to the attitude of producers; the whole concluding with the rules of a suggested market agreement for local units.

Time Englishman Had Chance

Stanley Baldwin First One Since Salisbury to Become Premier

"For He's an Englishman" is the song that should greet the incoming Premier of Great Britain.

England has served a long sentence of exclusion from the Premiership of the United Kingdom of Great Britain and Ulster.

Salisbury was the last Englishman to serve in the Premiership unless H. H. Asquith, the representative of a Scottish constituency, be recognized as an Englishman; Rosebery, Campbell-Bannerman, the Scots; Lloyd George, the Welshman; and Bonar Law, the Scotch-New Brunswick. It is time an Englishman had a chance, Stanley Baldwin represents an English constituency and many of the highest and noblest qualities of English character.—Toronto Telegram.

Mothers Work to Earn Living

Why do married women seek gainful employment? The Children's Bureau of Labor Department, Washington sent out investigators, who went into 11,000 cases of mothers who are employed; found that, actual need, and not vanity or idleness, was the motive that impelled the great majority of the 11,000 mothers to leave their homes and children to help earn the family living.

A Cautious Boom

In Canada we have not yet experienced the marked business prosperity which in the United States—in some industries at any rate—has been in evidence for two years now. But it is coming our way. And, in order that we may handle it to the best advantage, it is necessary that the boom, when it comes, should be "a cautious boom." So will it last the longer.—Montreal Journal of Commerce.

A Common Conundrum

Boston is trying to solve a problem. They find that lemons can be brought all the way from Messina and sold wholesale at one cent each, but when they have journeyed to the retail shop four cents has been added to the price, and the people are trying to figure out why travel in Boston is so expensive.—Montreal Herald.

Trees For Saskatoon

Trees to the number of 10,000 were distributed among Saskatoon school children by the Parks' Officials and Dominion Forestry Branch on the occasion of Arbor Day. Each child received one maple and one ash. Last year only 5,000 trees were distributed.

A simple way to poach an egg is to turn it into a teacup in which a piece of butter has been placed. Put the cup in a small pan of boiling water, and the egg will be ready to take up in five minutes.

The undertaker observes that, no matter how each of you is brought up, all of you go the same way.

One of the outstanding features in Canada's development and one which has much to do with the progress of other lines of industry is that of railways. The growth of railways has been almost phenomenal, especially during certain periods, and while, due to known causes, eras of depression have been encountered, on the whole the operation of Canada's railway lines has been successful.

The expansion of settlement, the rapid progress of agriculture, the development of mineral and forest industries, says the Natural Intelligence Service of the Department of the Interior, have called for the construction of many miles of railway, both of trunk and branch lines, and announcement is made by both the Canadian National, Canadian Pacific and the Ontario systems that several additional branch lines and extensions are under construction or in contemplation for the present season.

Commencing with 1871, the first census period following Confederation, when Canada had but 2,695 miles of railway, with an invested capital of \$57,703,188, Canadian railways made steady progress until 1921. At that time 25,400 miles were in operation; with a capital investment of \$1,525,689,201. In the five-year period between 1911 and 1916, however, railway expansion was almost phenomenal, 1916 showing 37,434 miles in operation, an increase of 12,634 miles in the five years, and capital of \$1,835,125,774. This heavy programme of railway construction was deemed necessary to meet the needs of the country, and so it has developed. Slower progress is reported since 1916 as during the war period practically no building took place. The year 1921, however, shows railway mileage in Canada as 39,541, with capital investment of \$2,164,687,636. The total earnings of the railways in 1916 were \$261,588,654, and expenses \$180,542,259, while for 1921 the earnings were \$458,068,891, and expenses \$422,581,265.

Nothing probably could give a better indication of Canada's industrial growth than railway traffic both passenger and freight. In 1901 steam railways carried 18,385,722 passengers, in 1911 they carried 27,067,718 passengers, while in 1920 the number carried was 31,378,422. Freight traffic shows even a greater growth, 36,989,715 tons being moved in 1901, 78,851,254 tons in 1911, and 127,429,154 tons in 1920.

The part that the development of natural resources is taking in providing freight traffic to the railways is evident in the fact that in 1901 the tonnage of forest products was 5,201,519, in 1911 it was 15,367,417, and in 1920, 22,278,800 tons were handled. Grain provided 4,694,553 tons of freight in 1901, 7,545,516 tons in 1911, and 14,295,458 tons in 1920. Products of mines in 1911 supplied the railways with 28,652,236 tons of freight and in 1920 with 45,075,968 tons. Manufactures, into which natural resources enter almost universally, provided 13,578,347 tons of freight in 1911 and 32,925,394 tons in 1920, among the latter being wood pulp and paper with 3,447,614 tons.

To handle this traffic the railways used 2,433 locomotives in 1901 and 6,030 in 1920; 1,159 first-class passenger cars in 1901, and 2,312 in 1920; 45,904 box and cattle cars in 1901, and 167,128 in 1920; 23,123 coal and flat cars in 1901 and 45,188 in 1920.

The expansion of agriculture, the development of forest, mineral and fisheries resources, with their concomitant manufacturing activity portend for the Canadian railways a period of increasing freight traffic and the resultant expansion necessary to keep pace with the demands for the moving of this rapidly growing tonnage.

Saves Trip to Paris

Two young New York girls are putting on a fashion show that costs \$50 for each ticket of admission. It is held for those who deal in ladies' frocks. The originators of the idea go to Paris in advance of the season and bring back the latest creations. Each holder of a ticket is permitted to copy five, style. The price of admission is considered cheap because it saves the cost of dress designers to Paris.—New York Correspondent.

Crop Prospects Good

There is every indication that Western Canada will reap a bountiful crop this year. Not at any time in the past five years have prospects looked quite so promising. There appears to be abundance of moisture, and the farmers and business men are feeling much better regarding the prospects.

Diner.—"Look here, waiter, I've found several pieces of straw in this pie."

Waiter.—"That's right, sir, cottage pie—evidently thatched."

STRANGE STORY OF THE DISCOVERY OF PETROLEUM AND THE AMAZING GROWTH OF THIS VAST INDUSTRY

At the bend of almost any country highway nowadays you will see what is locally called "the gas station" but which is in reality a supply depot where automobile voyagers can get almost anything they want from free air to spare tires. But because gasoline is its principal stock in trade it goes by that name.

It is not a romantic place, but who looks for romance in a quart of lube or a few gallons of gas? But down the hill one may see the beauty of the valley, bright with summer verdure, overhead roseate clouds are tipped with purple and away off there through the haze we see the snow capped peaks of a mountain range. But there is a romance in petroleum, the product that has been known and used for centuries in its crude state but which came into universal use within the memory of every man over 75.

To begin with, petroleum has been known for its illuminating powers for centuries. Back in the days when Babylon was the great civilization of the world the oil was collected from the surface of the pools and used in the lamps, also as a medicine. The Romans burned petroleum; it was known to be valuable to early civilization in Japan and China. Marco Polo, one of the world's first great travelers and authors, mentions the various "oil springs" he saw on his travels through the Orient during the 13th century.

First Used As Medicine
What is probably the first "discovery" of petroleum in the United States can be credited to a Franciscan missionary, Joseph de la Roche d'Allion, who, while travelling through what is

now western Pennsylvania and the Ohio valley, reported that he saw much "floating acum on the surface of the pools," and that it would make valuable medicine.

It was really as a "cure all" that petroleum had its first value in the United States. The American Indians used it, and the cowboys who rode back into the wilderness that lay towards the west took heed of what the Indians said, and used the oil for various ailments. It was burned occasionally in the lamps, but in its unrefined state petroleum had such an unpleasant odor that most persons preferred candles.

Good For the Cholera
About 1848-50 several enterprising men living in western Pennsylvania decided that the oil which was proving such a hindrance to the drilling of salt wells might be utilized. These salt wells were a matter of great profit, but it was necessary to rid the water of the oil before obtaining the salt—and as this oil was used by some people for medicine, why not bottle it and sell it through the country? The idea proved to be one worth thousands of dollars, and about the middle of the last century almost every home owned a large bottle of "Seneca Oil," "Rock Oil," or possibly the name was American Medicinal Oil. It was put up in eight ounce bottles, and the gaudy label proclaimed that the oil cured "cholera morbus," "Liver Complaint," "Bronchitis" and "Consumption."

Fortunes in Oil
Oil wells were everywhere! Men fought and died over the ownership of a piece of land that had once been

considered valueless. Fortunes were made practically overnight—for a "gusher" meant riches. And it was not only the men who owned the wells that grew rich, for the men who hauled the oil to the railroads asked and received prices that paralleled any war time wages of a later day. The railroads had not penetrated the Pennsylvania wilderness, and there is a record of one tender who earned \$100 in nine weeks hauling oil in barrels. The "flat-boat" men who carried the oil down the rivers to the cities in the Ohio and Mississippi valleys were paid large sums for their services, and at one time it was estimated that there were 1,000 flat boats 80 steamers and 4,000 men working in the Allegheny river alone. There is a story told of a man named Vandergrift that is typical of how money was made during the "oil rush." Vandergrift had been a cabin boy on a Mississippi packet, and had gradually worked his way upward until he owned a small steamer, which he cruised between St. Louis and New Orleans. When the Civil war broke out his steamer along the Mississippi was temporarily stopped, so he fitted his packet as a gun-boat, turned it over to Commodore Foote, and started for the oil country. He had learned that one of the great crying necessities of the country was barrels, and he took 1,000 empty casks with him for sale. He studied the country and its needs, and then built what was known then as a "bulk boat," or what we would call today a "tanker." This boat was highly successful and Vandergrift was known to have cleared as much as \$74,000 for a single trip, buying the oil in the interior and selling it in the river cities.

Eventually oil became a staple product demanded in every home, and by 1865-66 the railroads were pushed into it, and they carried out with them car loads of petroleum. By 1870 distillation had been perfected, and kerosene lamps had become the popular method of lighting homes. Also, the use of kerosene for the heating of rooms was being considered.

The mushroom growth of the oil industry gradually settled down to the point where oil became a solid business, but one that increased in value and demand from day to day. Pipe lines were built from the oil fields to the seaboard, and the oil from Pennsylvania was carried in "great specially built tank ships" to the foreign markets. New oil fields were being sought and discovered. Ohio, Indiana and Illinois produced oil, and it was known that there was crude petroleum to be found in southern Texas.

Petroleum's Biggest Moment
Perhaps the next "great moment" in the oil industry came when the first automobile chugged and puffed its way through traffic. No one thought of the automobile in connection with oil, but only a few years were to pass before gasoline was to become one of the chief by-products of petroleum, and millions of gallons of petroleum were to be used each day in the millions of automobiles in service.

Such a demand naturally had a tremendous effect on the production of gasoline, and back of that the production of petroleum. The hunt for new oil fields was feverishly carried on, and when oil was discovered in any section prospectors rushed to that portion of the country in hopes that they might grow rich by the overnight process.

The romances of the modern oil rushes are still being written, as daily news. Squatters who lived on ranch lands in Texas, Indiana making their homes on the government reservations of Oklahoma, chance dwellers in northern Louisiana—they all found themselves suddenly rich. No fiction stories ever written can parallel the tales that can be told of the finding of oil in the great mid-continent fields. Men and women who lived in what amounted to respectable poverty found that there waste land was worth hundreds of thousands of dollars. There were races to file deeds on property that had not been considered worth clearing and planting, and fights, fistie and legal, became too numerous to record.

Whence Came Petroleum

It is interesting to note the fact that the origin of oil is still more or less a matter of speculation, it being generally considered to be decomposed vegetable and animal matter combined, but the exact details of the process by which organic matters have been converted into oil is rather obscure.

Petroleum varies in color in its crude state. It is found black, brown, red, amber, straw color. The usual method of obtaining oil is through drilling, a heavy bit being suspended on a rope, which is fed out as the well deepens, and made to pound the rock by suspension from a walking beam. The depth of the wells vary, no two being the same. What is probably the deepest well is at McDonald, Pa., the shaft being over 7,000 feet deep. Once oil is struck it is brought

GOOD MONEY IN GOOD FARMING "Let's Get to Work and Pay Off the Mortgage"

NINE years ago Canada's national debt was about one-third of a billion. It is more than two and one-third billions today.

Our debts have greatly increased—our revenues must also go up. The farmer has to bear his share of the increased burden. That means he must increase his revenue.

Complaint has been heard that farmers under present conditions in Canada cannot make farming pay. And yet many thousands of Canadian farmers do make it pay.

How Is It Done?

Patient and industrious "carry on" will do wonders, but something more is needed. Too often "patient industry" is coupled with "dull persistence" in poorly thought out methods.

Farmers today more than ever, must plan ahead, as well as "plug along"; indeed they have no option, if they wish to succeed.

Co-ordination of head and hand will mean real success. Farming in Canada has paid and pays now on many farms. It can be made to pay on almost every farm. Canadian agriculture has passed through low profit-making eras successfully in the past and can do so again.

With the increased cost of production, the higher standards of living now prevailing cannot be maintained by poor farm management, "boarder" milkers, scrub beaver, poor quality hogs or non-profitable hens.

That even under present conditions profits may be made is testified by many shrewd, observant and non-plunging farmers, who believe more in the policy of "slow but sure" and "pay as you go" rather than speed, with excessive borrowing and the often consequent disaster.

The results on our Experimental Farms also bear testimony to the value of thorough, skillful work.

The Farmer Must Manufacture

But crops alone are not enough. The farmer must change his crops into less bulky and more high-priced products—milk, pork, beef, mutton, poultry, etc.

With fair yielding cows dairying shows good profits in Canada. The average cow has increased her yield 25% in the last ten years. She can quite readily go up another 25% and more, and there where the profit lies. Better feeding, better selection and better breeding will do the job—feed, weed, breed.

To do better feeding means better pastures and more generous supplies of palatable roughage. Short rotations including clover and ensilage crops (corn, sunflower, peas and oats, etc.) will provide feed in abundance for both summer and winter. The experiments and investigations which the Dominion Department of Agriculture have carried on prove that farming scientifically and systematically undertaken will pay profits. The records and particulars of such work in every province are available to the Canadian farmer.

Are you growing grain, or producing seed or interested in fruit? We can give you information that will help you. Do you breed live stock? Are you keeping dairy cattle? Are you interested in poultry or bees? Ask us for information. We have some that will help you. We have published and have for free distribution 250 different reports, bulletins and circulars dealing with matters of interest to you. Ask for what you want, or for a list of our publications.

We shall have something more to say later. Meantime write the Department of Agriculture, Ottawa, about your problems.

Crop Returns Should be Increased

On the Central Experimental Farm at Ottawa some crop costs and crop profits in 1922 as contrasted with all-Canada average crop costs and crop profits are given below. The all-Canada figures are in brackets.

	Cost per acre	Profit per acre
Hay	\$21.13 (\$13.50)	\$11.21 (\$5.09)
Corn for		
Forage	\$47.50 (\$33.75)	\$10.38 (\$2.86)
Oats	\$26.47 (\$19.32)	\$ 7.33 (0.4)

Similar results can be shown from the Dominion Experimental Farms in every province.

Experimental Farm crops are sometimes claimed to be produced at too great cost. Thousands of experiments, however, show that increased cropping yields, wisely applied up to a reasonable point always increase crop profits. This is true on the Experimental Farm—and on any and every farm.

Have Faith in Canada

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W. R. MOTHERWELL, Minister. Dr. J. H. GRIFFITHS, Deputy Minister.

to the surface by pumping, or by the pressure of natural gas, which is frequently found in oil regions. Last year enough gasoline was distilled to make the production total 6,292,334,613 gallons. The daily consumption is about 13,000,000 gallons, and the supply beyond the demand is sufficient to insure the fact that there will be no shortage.

Mr. C. Askin is in Edmonton where he is undergoing treatment for his fingers which have been deformed since his illness some time ago.

Miss Jessop of the Chautauqua staff arrived in Irma Thursday night and is busy training the children for their part in the performance next Tuesday.

The Irma district was visited with two heavy showers this week the one Thursday night was accompanied with considerable lightning. Up to date little or no damage has been done by hail and the crops never looked better than they do at the present time.

VIKING

Married in Edmonton by Rev. D. Mackie, Mrs. A. Clarke and Will Garden on Wednesday afternoon, July 11 at 4 o'clock. Mrs. Clarke who has been a resident of Kinsella for several years formerly lived in Viking where she has many friends. Mr. Garden is a farmer in the Quinby District and is a young man of sterling character. Congratulations and best wishes are tendered by their many friends of Viking and district.

Mr. W. J. Kain, of Dallas, Texas, arrived last Saturday to spend his vacation here. Mr. Kain finds that this climate suits him just right and has made a practice of coming to Viking almost every year for the past ten years. He will be the guest of his sister, Mrs. Beyhan, and niece Mrs. W. J. Kelly and Mrs. Smith.

The Sedgewick U. F. A. Political Association, comprising locals from Viking, Iron Creek, Wavy Lake, Prague, Clover Lodge and Lornedale, held a representation of several other locals in the constituency, held what was termed a U.F.A. Chautauqua at Jensen's Hall, Viking on Tuesday July 10th.



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DON'T FORGET THE CHAUTAUQUA OPENING NEXT TUESDAY

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SEEDLESS RAISINS, 3 lbs. for 50c
FANCY SEEDED RAISINS, 3 lbs. for 50c
KELLOGS and POST TOASTIES, 2 Pkgs 25c
GRAPE NUTS 20c Pkg.

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